

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064573.D
 Acq On : 23 Dec 2019 17:29
 Operator : VA/SY
 Sample : K6406-01
 Misc : 4.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-MUCK_12.20.19

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M

Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.726	467	477	486	rBV2	28418	85006	1.32%	0.117%
2	4.962	507	517	526	rBV3	23990	75264	1.17%	0.103%
3	7.920	1009	1020	1025	rBV	314512	764021	11.83%	1.049%
4	7.979	1025	1030	1047	rVB	562912	1245822	19.29%	1.711%
5	8.332	1082	1090	1100	rBV	252370	547264	8.47%	0.752%
6	8.867	1171	1181	1193	rBV	814101	1652319	25.58%	2.269%
7	10.338	1422	1431	1446	rBV	1302866	2409072	37.30%	3.309%
8	10.520	1454	1462	1470	rVB2	62291	106504	1.65%	0.146%
9	10.955	1527	1536	1543	rBV2	36217	71081	1.10%	0.098%
10	11.055	1547	1553	1560	rBV2	41731	83476	1.29%	0.115%
11	11.126	1560	1565	1570	rVV3	57488	112194	1.74%	0.154%
12	11.355	1598	1604	1608	rBV2	36759	65872	1.02%	0.090%
13	11.432	1608	1617	1628	rVV3	291515	696126	10.78%	0.956%
14	11.532	1628	1634	1644	rVB	229160	390399	6.04%	0.536%
15	11.644	1644	1653	1662	rBV	1308554	2283888	35.36%	3.137%
16	11.779	1671	1676	1680	rBV2	39518	65327	1.01%	0.090%
17	11.861	1680	1690	1699	rVV2	1261298	2434240	37.69%	3.343%
18	11.932	1699	1702	1708	rVB	87748	140538	2.18%	0.193%
19	12.026	1708	1718	1720	rBV7	33965	73766	1.14%	0.101%
20	12.079	1721	1727	1733	rBV3	184167	309744	4.80%	0.425%
21	12.155	1733	1740	1746	rBV2	433121	971526	15.04%	1.334%
22	12.202	1746	1748	1752	rVV	148230	202707	3.14%	0.278%
23	12.273	1752	1760	1765	rVB	428720	703280	10.89%	0.966%
24	12.344	1765	1772	1776	rBV4	196781	512924	7.94%	0.704%
25	12.402	1776	1782	1790	rVV5	278448	722311	11.18%	0.992%
26	12.473	1790	1794	1796	rVV	109330	166204	2.57%	0.228%
27	12.561	1796	1809	1811	rVV3	818261	2251460	34.86%	3.092%
28	12.585	1811	1813	1817	rVV	908558	1258307	19.48%	1.728%
29	12.638	1817	1822	1825	rVV	1224895	2002800	31.01%	2.751%
30	12.673	1825	1828	1833	rVV	815531	1148291	17.78%	1.577%
31	12.726	1833	1837	1841	rVB4	81274	120771	1.87%	0.166%
32	12.802	1846	1850	1856	rVB5	153901	299689	4.64%	0.412%
33	12.879	1856	1863	1867	rBV3	179524	346884	5.37%	0.476%
34	12.955	1867	1876	1882	rBV2	4042133	6459390	100.00%	8.872%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.014	1882	1886	1891	rVB2	261715	425585	6.59%	0.585%
36	13.073	1891	1896	1897	rBV4	89996	129991	2.01%	0.179%
37	13.102	1897	1901	1905	rVV	246381	363998	5.64%	0.500%
38	13.155	1905	1910	1912	rVV	338550	556553	8.62%	0.764%
39	13.191	1912	1916	1922	rVV	577876	930007	14.40%	1.277%
40	13.249	1922	1926	1933	rVB3	189485	341975	5.29%	0.470%
41	13.320	1933	1938	1942	rBV	247156	401189	6.21%	0.551%
42	13.367	1942	1946	1950	rBV2	113608	150080	2.32%	0.206%
43	13.473	1955	1964	1967	rBV4	421679	955517	14.79%	1.312%
44	13.514	1967	1971	1974	rVV	550402	884441	13.69%	1.215%
45	13.549	1974	1977	1978	rVV	406303	496553	7.69%	0.682%
46	13.579	1978	1982	1990	rVV	1950341	3209586	49.69%	4.408%
47	13.649	1990	1994	2002	rVB	438316	638568	9.89%	0.877%
48	13.855	2022	2029	2031	rBV6	44669	83283	1.29%	0.114%
49	13.902	2031	2037	2042	rVV	2602356	3726403	57.69%	5.118%
50	13.949	2042	2045	2049	rVV2	169833	245699	3.80%	0.337%
51	14.008	2051	2055	2060	rVV5	155249	261689	4.05%	0.359%
52	14.067	2060	2065	2070	rVV4	179586	390894	6.05%	0.537%
53	14.114	2071	2073	2078	rVV4	128064	178079	2.76%	0.245%
54	14.167	2078	2082	2088	rVB	181253	321365	4.98%	0.441%
55	14.226	2088	2092	2096	rBV3	103262	163451	2.53%	0.224%
56	14.296	2098	2104	2109	rBV2	175754	309594	4.79%	0.425%
57	14.355	2109	2114	2115	rBV3	124733	164039	2.54%	0.225%
58	14.391	2115	2120	2122	rBV4	246964	409013	6.33%	0.562%
59	14.426	2122	2126	2129	rVV3	479382	753066	11.66%	1.034%
60	14.467	2129	2133	2140	rVB2	413717	616312	9.54%	0.846%
61	14.532	2140	2144	2148	rBV2	356912	518792	8.03%	0.713%
62	14.579	2149	2152	2156	rVB3	145112	211824	3.28%	0.291%
63	14.632	2157	2161	2167	rVB4	153821	301885	4.67%	0.415%
64	14.702	2169	2173	2176	rBV5	50465	96679	1.50%	0.133%
65	14.761	2177	2183	2191	rBV	3585777	5123612	79.32%	7.037%
66	14.838	2191	2196	2199	rBV4	334788	600958	9.30%	0.825%
67	14.879	2199	2203	2211	rVB	854274	1525666	23.62%	2.095%
68	14.955	2213	2216	2220	rVB5	162598	233579	3.62%	0.321%
69	15.014	2222	2226	2230	rBV6	183726	332910	5.15%	0.457%
70	15.102	2238	2241	2248	rVB4	202820	332736	5.15%	0.457%
71	15.208	2248	2259	2263	rBV6	592273	1681233	26.03%	2.309%

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Integrator: RTE
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72	15.255	2263	2267	2270	rVV	541148	912176	14.12%	1.253%
73	15.302	2270	2275	2282	rVV4	878931	1855956	28.73%	2.549%
74	15.373	2282	2287	2294	rVB2	1107363	2029754	31.42%	2.788%
75	15.449	2295	2300	2308	rBV7	246271	649884	10.06%	0.893%
76	15.608	2322	2327	2336	rVB	3580872	5647196	87.43%	7.756%
77	16.073	2402	2406	2410	rBV4	94463	165243	2.56%	0.227%
78	16.161	2417	2421	2425	rVB	150282	225273	3.49%	0.309%
79	16.214	2425	2430	2433	rBV3	166980	332667	5.15%	0.457%
80	16.290	2439	2443	2450	rVB3	231943	450800	6.98%	0.619%
81	16.361	2451	2455	2464	rVB	169840	356801	5.52%	0.490%
82	16.573	2485	2491	2505	rVB	659708	1338942	20.73%	1.839%

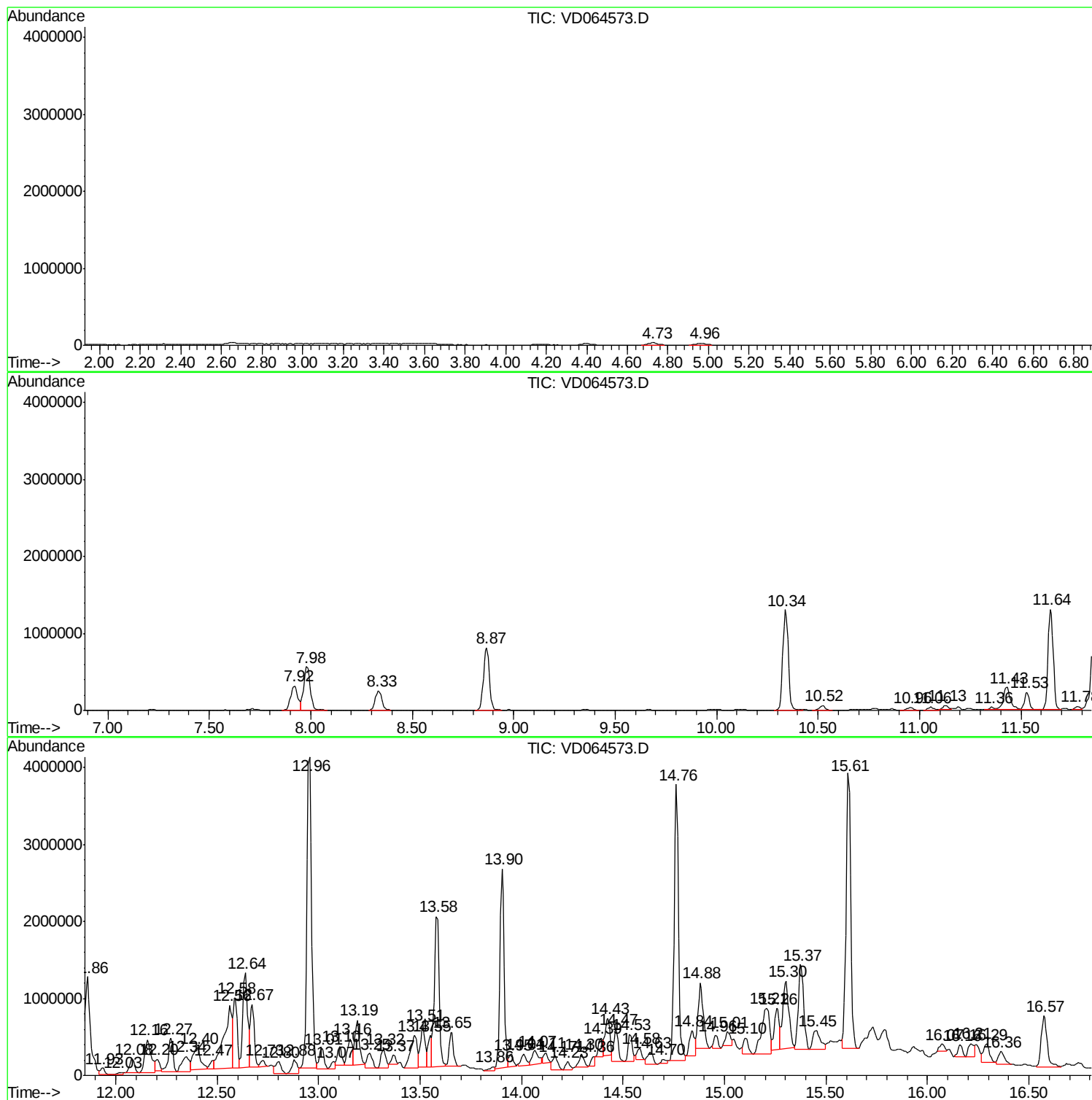
Sum of corrected areas: 72809963

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 1 Nonane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	53.29 ug/l	2434240	Chlorobenzene-d5	11.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane		128 C9H20	000111-84-2 97
2	Hexane, 2,4-dimethyl-		114 C8H18	000589-43-5 64
3	4,4-Dimethyl octane		142 C10H22	015869-95-1 64
4	Undecane, 2,4-dimethyl-		184 C13H28	017312-80-0 53
5	Sulfurous acid, hexyl heptyl ester		264 C13H28O3S	1000309-12-9 53

 Peak Number 2 Nonane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	49.29 ug/l	2251460	Chlorobenzene-d5	11.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 4-methyl-		142 C10H22	017301-94-9 91
2	Octane, 2,5-dimethyl-		142 C10H22	015869-89-3 87
3	Pentane, 2,2,3,3-tetramethyl-		128 C9H20	007154-79-2 64
4	Heptane, 2,3,4-trimethyl-		142 C10H22	052896-95-4 64
5	Undecane, 4,5-dimethyl-		184 C13H28	017312-79-7 59

 Peak Number 3 Hexane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	27.55 ug/l	1258310	Chlorobenzene-d5	11.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2-methyl-		100 C7H16	000591-76-4 52
2	Heptane, 2-methyl-		114 C8H18	000592-27-8 47
3	Hexane, 2,4-dimethyl-		114 C8H18	000589-43-5 47
4	Dodecane, 5-methyl-		184 C13H28	017453-93-9 47
5	Oxalic acid, butyl isohexyl ester		230 C12H22O4	1000309-32-7 43

 Peak Number 4 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
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12.96	100.63 ug/l	6459390	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decane	142 C10H22	000124-18-5 95
2		Nonane	128 C9H20	000111-84-2 64
3		Octane	114 C8H18	000111-65-9 59
4		Decane, 2,3,6-trimethyl-	184 C13H28	062238-12-4 59
5		Hexadecane	226 C16H34	000544-76-3 59

 Peak Number 5 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	58.05 ug/l	3726400	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Undecane	156 C11H24	001120-21-4 96
2		Tridecane	184 C13H28	000629-50-5 72
3		Tetradecane	198 C14H30	000629-59-4 72
4		Hexadecane	226 C16H34	000544-76-3 59
5		Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1 59

 Peak Number 6 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	79.82 ug/l	5123610	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecane	170 C12H26	000112-40-3 97
2		Tetradecane	198 C14H30	000629-59-4 90
3		Undecane	156 C11H24	001120-21-4 90
4		Hexadecane	226 C16H34	000544-76-3 86
5		Tridecane	184 C13H28	000629-50-5 64

 Peak Number 7 Hexane, 2,3,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	26.19 ug/l	1681230	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
4	Decane, 5-propyl-	184	C13H28	017312-62-8	47
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	46

Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	31.62 ug/l	2029750	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70
2	Decane, 2-methyl-	156	C11H24	006975-98-0	68
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64

Peak Number 9 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	87.97 ug/l	5647200	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Dodecane	170	C12H26	000112-40-3	90
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
5	Hexadecane	226	C16H34	000544-76-3	86

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	11.86	53.3	ug/l	2434240	3	11.64	2283890	50.0
Nonane, 4-methyl-	12.56	49.3	ug/l	2251460	3	11.64	2283890	50.0
Hexane, 2-methyl-	12.58	27.6	ug/l	1258310	3	11.64	2283890	50.0
Decane	12.96	100.6	ug/l	6459390	4	13.58	3209590	50.0
Undecane	13.90	58.0	ug/l	3726400	4	13.58	3209590	50.0
Dodecane	14.76	79.8	ug/l	5123610	4	13.58	3209590	50.0
Hexane, 2,3,4-tri...	15.21	26.2	ug/l	1681230	4	13.58	3209590	50.0
Dodecane, 4,6-dim...	15.37	31.6	ug/l	2029750	4	13.58	3209590	50.0
Tridecane	15.61	88.0	ug/l	5647200	4	13.58	3209590	50.0