

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090922\
 Data File : VD074242.D
 Acq On : 09 Sep 2022 15:12
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 02:44:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 02:44:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.869	168	129566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	214171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.569	117	190103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.498	152	92045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.216	65	6975	5.242	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.480%#		
35) Dibromofluoromethane	7.799	113	7159	5.013	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.020%#		
50) Toluene-d8	10.257	98	30259	6.358	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	12.720%#		
62) 4-Bromofluorobenzene	12.557	95	9526	5.315	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	6227	5.833	ug/l	91
3) Chloromethane	2.140	50	4792	6.151	ug/l	99
4) Vinyl Chloride	2.275	62	4093	5.165	ug/l	92
5) Bromomethane	2.675	94	2447	4.921	ug/l	98
6) Chloroethane	2.822	64	2659	5.289	ug/l	98
7) Trichlorofluoromethane	3.164	101	12279	5.345	ug/l	97
8) Diethyl Ether	3.587	74	3780	5.916	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.952	101	7910	5.624	ug/l	96
10) Methyl Iodide	4.164	142	7465	4.839	ug/l #	85
11) Tert butyl alcohol	5.064	59	3274	38.193	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	7441	5.876	ug/l	97
13) Acrolein	3.799	56	2832	54.093	ug/l	90
14) Allyl chloride	4.552	41	11887	6.012	ug/l	96
15) Acrylonitrile	5.246	53	8233	27.435	ug/l	95
16) Acetone	4.022	43	7402	28.892	ug/l	93
17) Carbon Disulfide	4.264	76	20004	5.519	ug/l	97
18) Methyl Acetate	4.558	43	5017	6.226	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	17651	5.733	ug/l	99
20) Methylene Chloride	4.787	84	16910	8.630	ug/l #	91
21) trans-1,2-Dichloroethene	5.305	96	8199	5.582	ug/l	92
22) Diisopropyl ether	6.205	45	24227	5.869	ug/l	93
23) Vinyl Acetate	6.152	43	46901m	22.541	ug/l	
24) 1,1-Dichloroethane	6.105	63	14429	5.353	ug/l	96
25) 2-Butanone	7.081	43	12633	31.762	ug/l	100
26) 2,2-Dichloropropane	7.069	77	13831	5.732	ug/l	92
27) cis-1,2-Dichloroethene	7.069	96	9544	5.724	ug/l	91
28) Bromochloromethane	7.422	49	5265	6.309	ug/l #	96
29) Tetrahydrofuran	7.440	42	6824	28.473	ug/l	95
30) Chloroform	7.587	83	15024	5.356	ug/l	97
31) Cyclohexane	7.863	56	16323	7.017	ug/l #	91
32) 1,1,1-Trichloroethane	7.787	97	13000	5.025	ug/l	98
36) 1,1-Dichloropropene	7.999	75	12005	5.652	ug/l	98
37) Ethyl Acetate	7.158	43	5465	6.346	ug/l #	89
38) Carbon Tetrachloride	7.975	117	10384	4.630	ug/l #	86
39) Methylcyclohexane	9.263	83	15181	6.241	ug/l	96
40) Benzene	8.240	78	32692	5.430	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2389	4.552	ug/l #	73
42) 1,2-Dichloroethane	8.316	62	8640	4.931	ug/l	98
43) Isopropyl Acetate	8.357	43	9991	5.759	ug/l	98
44) Trichloroethene	9.022	130	9226	5.303	ug/l	89
45) 1,2-Dichloropropane	9.299	63	8569	5.642	ug/l	98
46) Dibromomethane	9.387	93	4201	5.017	ug/l	98
47) Bromodichloromethane	9.575	83	11109	5.114	ug/l	99
48) Methyl methacrylate	9.369	41	4672	5.889	ug/l	95
49) 1,4-Dioxane	9.375	88	747	76.440	ug/l #	72
51) 4-Methyl-2-Pentanone	10.152	43	23843	27.544	ug/l	98
52) Toluene	10.322	92	21163	5.375	ug/l	99
53) t-1,3-Dichloropropene	10.546	75	9746	4.921	ug/l	99
54) cis-1,3-Dichloropropene	10.010	75	12838	5.460	ug/l	93
55) 1,1,2-Trichloroethane	10.722	97	5899	5.094	ug/l #	89
56) Ethyl methacrylate	10.593	69	7445	5.545	ug/l	93
57) 1,3-Dichloropropane	10.869	76	10827	5.590	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.857	63	10535	27.573	ug/l	98
59) 2-Hexanone	10.910	43	16288	27.919	ug/l	96
60) Dibromochloromethane	11.063	129	7301	4.941	ug/l	98
61) 1,2-Dibromoethane	11.175	107	5494	4.921	ug/l	99
64) Tetrachloroethene	10.799	164	8230	6.014	ug/l	93
65) Chlorobenzene	11.599	112	22238	5.409	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.669	131	7911	5.146	ug/l	100
67) Ethyl Benzene	11.669	91	41853	5.917	ug/l	92
68) m/p-Xylenes	11.781	106	31122	11.174	ug/l	99
69) o-Xylene	12.110	106	14216	5.498	ug/l	94
70) Styrene	12.122	104	24416	5.525	ug/l	97
71) Bromoform	12.281	173	4318	5.117	ug/l #	99
73) Isopropylbenzene	12.404	105	39364	5.883	ug/l	99
74) N-amyl acetate	12.216	43	8705	5.818	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.657	83	7167	5.880	ug/l	95
76) 1,2,3-Trichloropropane	12.704	75	4017m	4.344	ug/l	
77) Bromobenzene	12.687	156	8249	5.219	ug/l	93
78) n-propylbenzene	12.746	91	49018	5.988	ug/l	99
79) 2-Chlorotoluene	12.834	91	25995	5.535	ug/l	98
80) 1,3,5-Trimethylbenzene	12.887	105	33629	5.902	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.451	75	1713	4.879	ug/l #	100
82) 4-Chlorotoluene	12.928	91	26841	5.441	ug/l	99
83) tert-Butylbenzene	13.151	119	29115	5.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.193	105	32070	5.769	ug/l	99
85) sec-Butylbenzene	13.328	105	45115	6.160	ug/l	99
86) p-Isopropyltoluene	13.445	119	35642	5.924	ug/l	99
87) 1,3-Dichlorobenzene	13.440	146	18059	5.663	ug/l	96
88) 1,4-Dichlorobenzene	13.522	146	18560	5.776	ug/l	95
89) n-Butylbenzene	13.769	91	35751	6.212	ug/l	97
90) Hexachloroethane	14.034	117	6364	5.226	ug/l	99
91) 1,2-Dichlorobenzene	13.816	146	16124	5.783	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.428	75	976	4.996	ug/l	96
93) 1,2,4-Trichlorobenzene	15.075	180	10818	6.255	ug/l	98
94) Hexachlorobutadiene	15.181	225	6370	6.515	ug/l	98
95) Naphthalene	15.304	128	18840	5.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.498	180	9272	6.132	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

