

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074064.D
 Acq On : 12 Aug 2022 15:50
 Operator : VA/SY
 Sample : VD0812SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
 Supervised By :Semsettin Yesilyurt 08/16/2022

Quant Time: Aug 13 01:50:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 01:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	130367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	211433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	200502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	103862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	54373	53.388	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.780%			
35) Dibromofluoromethane	7.908	113	64850	46.179	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.360%			
50) Toluene-d8	10.326	98	172127	46.452	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.900%			
62) 4-Bromofluorobenzene	12.620	95	82991	48.056	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	31510	25.277	ug/l	97
3) Chloromethane	2.209	50	45402	23.227	ug/l	99
4) Vinyl Chloride	2.344	62	63436	22.862	ug/l	96
5) Bromomethane	2.744	94	42109	22.028	ug/l	98
6) Chloroethane	2.909	64	44112	22.215	ug/l	95
7) Trichlorofluoromethane	3.256	101	61916	23.442	ug/l	87
8) Diethyl Ether	3.709	74	12973	21.371	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.079	101	32909	21.778	ug/l	95
10) Methyl Iodide	4.285	142	32690	21.064	ug/l	98
11) Tert butyl alcohol	5.220	59	9050	140.130	ug/l	96
12) 1,1-Dichloroethene	4.056	96	27209	20.872	ug/l	96
13) Acrolein	3.920	56	9023	88.707	ug/l	94
14) Allyl chloride	4.709	41	34339	20.494	ug/l	97
15) Acrylonitrile	5.414	53	28295	112.346	ug/l	95
16) Acetone	4.156	43	24635	118.099	ug/l	99
17) Carbon Disulfide	4.397	76	88660	20.975	ug/l	99
18) Methyl Acetate	4.709	43	15234	24.338	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	62620	21.552	ug/l	99
20) Methylene Chloride	4.950	84	37129	25.245	ug/l	88
21) trans-1,2-Dichloroethene	5.456	96	32636	20.850	ug/l	93
22) Diisopropyl ether	6.361	45	76889	21.336	ug/l	96
23) Vinyl Acetate	6.303	43	198455m	104.566	ug/l	
24) 1,1-Dichloroethane	6.244	63	54437	21.082	ug/l	98
25) 2-Butanone	7.208	43	37120	113.792	ug/l	99
26) 2,2-Dichloropropane	7.197	77	50494	20.458	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	34039	20.348	ug/l	98
28) Bromochloromethane	7.538	49	20174	20.245	ug/l	93
29) Tetrahydrofuran	7.561	42	22326	111.170	ug/l	100
30) Chloroform	7.703	83	62400	21.319	ug/l	99
31) Cyclohexane	7.973	56	44831	19.594	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	57181	20.538	ug/l	96
36) 1,1-Dichloropropene	8.097	75	43927	20.555	ug/l	98
37) Ethyl Acetate	7.285	43	17646	23.201	ug/l #	92
38) Carbon Tetrachloride	8.079	117	50917	21.134	ug/l	89
39) Methylcyclohexane	9.350	83	47696	19.675	ug/l	95
40) Benzene	8.344	78	120939	20.876	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	9440	22.713	ug/l	91
42) 1,2-Dichloroethane	8.414	62	39206	21.954	ug/l	99
43) Isopropyl Acetate	8.444	43	31484	21.656	ug/l	95
44) Trichloroethene	9.102	130	35151	20.625	ug/l	99
45) 1,2-Dichloropropane	9.379	63	30045	21.549	ug/l	98
46) Dibromomethane	9.461	93	20573	22.916	ug/l	95
47) Bromodichloromethane	9.650	83	49440	22.137	ug/l #	93
48) Methyl methacrylate	9.450	41	15071	21.729	ug/l	94
49) 1,4-Dioxane	9.450	88	4047	461.216	ug/l #	44
51) 4-Methyl-2-Pentanone	10.214	43	85146	114.092	ug/l	97
52) Toluene	10.391	92	79128	20.462	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	41677	21.646	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	47215	21.217	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	26126	22.896	ug/l	85
56) Ethyl methacrylate	10.649	69	24562	20.502	ug/l	95
57) 1,3-Dichloropropane	10.932	76	40005	21.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	49109	98.241	ug/l	99
59) 2-Hexanone	10.973	43	56358	112.641	ug/l	94
60) Dibromochloromethane	11.126	129	33001	21.353	ug/l	99
61) 1,2-Dibromoethane	11.238	107	25097	21.776	ug/l	98
64) Tetrachloroethene	10.861	164	29107	19.379	ug/l	97
65) Chlorobenzene	11.655	112	86952	20.325	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	34076	20.959	ug/l	96
67) Ethyl Benzene	11.732	91	146482	19.654	ug/l	98
68) m/p-Xylenes	11.844	106	119497	40.138	ug/l	99
69) o-Xylene	12.167	106	51104	18.742	ug/l	92
70) Styrene	12.179	104	94492	20.465	ug/l	98
71) Bromoform	12.344	173	18994	21.227	ug/l #	98
73) Isopropylbenzene	12.467	105	140347	19.435	ug/l	99
74) N-amyl acetate	12.273	43	29230	21.194	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	29662	22.630	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	19310m	20.363	ug/l	
77) Bromobenzene	12.749	156	37227	21.586	ug/l	94
78) n-propylbenzene	12.808	91	179204	20.041	ug/l	100
79) 2-Chlorotoluene	12.891	91	100778	20.022	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	125475	20.467	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	7472	21.030	ug/l	90
82) 4-Chlorotoluene	12.991	91	108881	20.614	ug/l	99
83) tert-Butylbenzene	13.208	119	101734	19.535	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	124449	20.194	ug/l	97
85) sec-Butylbenzene	13.385	105	159431	19.867	ug/l	100
86) p-Isopropyltoluene	13.496	119	135352	20.147	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	72720	20.087	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	76082	20.895	ug/l	99
89) n-Butylbenzene	13.826	91	124070	19.719	ug/l	99
90) Hexachloroethane	14.090	117	27443	20.653	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	65359	21.022	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5036	23.511	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	36720	20.174	ug/l	99
94) Hexachlorobutadiene	15.243	225	20984	20.149	ug/l	96
95) Naphthalene	15.379	128	64463	20.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	32788	20.484	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

