

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071609.D
 Acq On : 05 Jan 2022 12:55
 Operator : VA/SY
 Sample : VD0105SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0105SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/06/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 05 15:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	272376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	474620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	446554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	217327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181069	50.055	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.120%			
35) Dibromofluoromethane	7.914	113	155222	48.662	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.320%			
50) Toluene-d8	10.338	98	553681	45.932	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.860%			
62) 4-Bromofluorobenzene	12.626	95	202116	47.185	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	52855	18.519	ug/l	96
3) Chloromethane	2.215	50	70610	19.321	ug/l	98
4) Vinyl Chloride	2.356	62	82234	18.777	ug/l	97
5) Bromomethane	2.767	94	59195	19.321	ug/l	91
6) Chloroethane	2.920	64	58513	20.132	ug/l	89
7) Trichlorofluoromethane	3.279	101	112973	21.072	ug/l	96
8) Diethyl Ether	3.714	74	31618	20.600	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	67821	21.743	ug/l	96
10) Methyl Iodide	4.303	142	56912	18.762	ug/l #	88
11) Tert butyl alcohol	5.203	59	36504	107.883	ug/l #	71
12) 1,1-Dichloroethene	4.073	96	56119	19.776	ug/l	83
13) Acrolein	3.932	56	12118	69.347	ug/l #	82
14) Allyl chloride	4.720	41	115168	21.457	ug/l #	78
15) Acrylonitrile	5.420	53	89733	118.715	ug/l	96
16) Acetone	4.162	43	97299	107.085	ug/l	88
17) Carbon Disulfide	4.414	76	152019	16.442	ug/l	98
18) Methyl Acetate	4.720	43	74317	26.500	ug/l	92
19) Methyl tert-butyl Ether	5.485	73	158873	21.688	ug/l	99
20) Methylene Chloride	4.973	84	95157	24.185	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	64542	19.637	ug/l	86
22) Diisopropyl ether	6.361	45	249755	22.858	ug/l	90
23) Vinyl Acetate	6.308	43	601572	106.798	ug/l	95
24) 1,1-Dichloroethane	6.267	63	137915	22.017	ug/l	97
25) 2-Butanone	7.208	43	122710	113.066	ug/l #	83
26) 2,2-Dichloropropane	7.208	77	114547	22.255	ug/l	95
27) cis-1,2-Dichloroethene	7.214	96	76518	21.048	ug/l	86
28) Bromochloromethane	7.550	49	53841	20.975	ug/l	86
29) Tetrahydrofuran	7.567	42	75553	115.946	ug/l	91
30) Chloroform	7.714	83	143371	22.684	ug/l	99
31) Cyclohexane	7.985	56	116065	18.888	ug/l #	94
32) 1,1,1-Trichloroethane	7.908	97	121430	21.663	ug/l #	93
36) 1,1-Dichloropropene	8.114	75	101174	19.853	ug/l	97
37) Ethyl Acetate	7.291	43	53430	22.710	ug/l #	92
38) Carbon Tetrachloride	8.102	117	104871	20.858	ug/l	96
39) Methylcyclohexane	9.355	83	109271	18.317	ug/l	96
40) Benzene	8.350	78	282484	20.619	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	28649m	20.501	ug/l	
42) 1,2-Dichloroethane	8.426	62	100434	22.482	ug/l	93
43) Isopropyl Acetate	8.450	43	98990	21.201	ug/l #	90
44) Trichloroethene	9.114	130	72605	20.337	ug/l	86
45) 1,2-Dichloropropane	9.385	63	76313	21.467	ug/l	99
46) Dibromomethane	9.473	93	39519	20.122	ug/l	93
47) Bromodichloromethane	9.655	83	109979	22.056	ug/l	97
48) Methyl methacrylate	9.449	41	47026	20.353	ug/l #	82
49) 1,4-Dioxane	9.461	88	8900	401.009	ug/l #	83
51) 4-Methyl-2-Pentanone	10.226	43	271955	110.711	ug/l	88
52) Toluene	10.402	92	181368	20.840	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	99295	21.325	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	116146	21.586	ug/l #	79
55) 1,1,2-Trichloroethane	10.796	97	57703	23.147	ug/l	96
56) Ethyl methacrylate	10.655	69	69507	21.188	ug/l #	67
57) 1,3-Dichloropropane	10.938	76	99971	21.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	168612	107.298	ug/l	99
59) 2-Hexanone	10.979	43	191267	110.156	ug/l	86
60) Dibromochloromethane	11.138	129	68570	21.881	ug/l	99
61) 1,2-Dibromoethane	11.243	107	52898	21.423	ug/l	99
64) Tetrachloroethene	10.873	164	58654	18.901	ug/l	97
65) Chlorobenzene	11.667	112	188015	20.526	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	69331	20.719	ug/l	98
67) Ethyl Benzene	11.738	91	347240	20.370	ug/l	100
68) m/p-Xylenes	11.843	106	263916	40.750	ug/l	94
69) o-Xylene	12.173	106	122361	20.669	ug/l	94
70) Styrene	12.191	104	215857	20.989	ug/l	96
71) Bromoform	12.355	173	40601	22.422	ug/l #	99
73) Isopropylbenzene	12.473	105	334517	19.965	ug/l	98
74) N-amyl acetate	12.279	43	89561	19.924	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	67409	22.253	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	55355m	21.437	ug/l	
77) Bromobenzene	12.755	156	73118	19.611	ug/l	93
78) n-propylbenzene	12.814	91	426003	20.284	ug/l	99
79) 2-Chlorotoluene	12.902	91	237163	20.207	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	284086	20.556	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	19369	21.194	ug/l #	77
82) 4-Chlorotoluene	12.996	91	254657	20.918	ug/l	99
83) tert-Butylbenzene	13.214	119	233737	19.793	ug/l	93
84) 1,2,4-Trimethylbenzene	13.261	105	284810	20.823	ug/l	96
85) sec-Butylbenzene	13.390	105	364935	20.270	ug/l	100
86) p-Isopropyltoluene	13.508	119	301323	20.172	ug/l	96
87) 1,3-Dichlorobenzene	13.508	146	154024	20.513	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	154294	20.957	ug/l	97
89) n-Butylbenzene	13.832	91	299228	20.409	ug/l	97
90) Hexachloroethane	14.102	117	60694	21.448	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	130680	20.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11234	21.385	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	78463	20.205	ug/l	99
94) Hexachlorobutadiene	15.249	225	43219	20.776	ug/l	97
95) Naphthalene	15.384	128	143914	19.470	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	69131	20.582	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

