

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070904.D
 Acq On : 03 Nov 2021 12:14
 Operator : VA/SY
 Sample : VD1103SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1103SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 03 22:08:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	382591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	618811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	305962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195841	50.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.800%	
35) Dibromofluoromethane	7.914	113	210891	51.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.380%	
50) Toluene-d8	10.338	98	819351	53.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.760%	
62) 4-Bromofluorobenzene	12.626	95	269666	53.244	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	65974	18.594	ug/l	93
3) Chloromethane	2.209	50	95457	19.008	ug/l	95
4) Vinyl Chloride	2.350	62	105594	19.008	ug/l	99
5) Bromomethane	2.762	94	72098	18.090	ug/l	99
6) Chloroethane	2.920	64	53711	15.649	ug/l	96
7) Trichlorofluoromethane	3.279	101	136009	19.878	ug/l	97
8) Diethyl Ether	3.709	74	38869	20.504	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	90255	20.466	ug/l	98
10) Methyl Iodide	4.303	142	75300	18.682	ug/l	100
11) Tert butyl alcohol	5.209	59	18947m	92.649	ug/l	
12) 1,1-Dichloroethene	4.067	96	77091	19.970	ug/l	98
13) Acrolein	3.926	56	14209	77.480	ug/l	94
14) Allyl chloride	4.714	41	120794	19.974	ug/l	98
15) Acrylonitrile	5.420	53	88756	97.745	ug/l	98
16) Acetone	4.156	43	73949	82.604	ug/l	88
17) Carbon Disulfide	4.414	76	253174	18.552	ug/l	97
18) Methyl Acetate	4.714	43	58912	19.196	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	154454	19.234	ug/l	98
20) Methylene Chloride	4.967	84	113632	19.612	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	92243	20.164	ug/l	96
22) Diisopropyl ether	6.361	45	265766	21.192	ug/l	96
23) Vinyl Acetate	6.303	43	552884	96.666	ug/l	96
24) 1,1-Dichloroethane	6.267	63	173233	20.495	ug/l	97
25) 2-Butanone	7.214	43	101859	92.443	ug/l	96
26) 2,2-Dichloropropane	7.203	77	138158	20.487	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	98912	20.176	ug/l	99
28) Bromochloromethane	7.544	49	67355	20.322	ug/l	97
29) Tetrahydrofuran	7.561	42	61839	92.896	ug/l	96
30) Chloroform	7.708	83	175577	20.696	ug/l	99
31) Cyclohexane	7.985	56	149975	19.128	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	147532	20.362	ug/l	99
36) 1,1-Dichloropropene	8.108	75	125022	19.310	ug/l	99
37) Ethyl Acetate	7.297	43	46382	19.268	ug/l	97
38) Carbon Tetrachloride	8.097	117	130348	20.021	ug/l	98
39) Methylcyclohexane	9.355	83	138652	18.611	ug/l	99
40) Benzene	8.350	78	384346	20.418	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	34230m	26.881	ug/l	
42) 1,2-Dichloroethane	8.426	62	98867	20.629	ug/l	98
43) Isopropyl Acetate	8.450	43	86869	19.413	ug/l	97
44) Trichloroethene	9.114	130	97235	19.994	ug/l	97
45) 1,2-Dichloropropane	9.379	63	101283	20.295	ug/l	98
46) Dibromomethane	9.473	93	48022	19.628	ug/l	97
47) Bromodichloromethane	9.655	83	129359	20.452	ug/l	98
48) Methyl methacrylate	9.455	41	40242	18.823	ug/l	95
49) 1,4-Dioxane	9.461	88	10403	398.381	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	222688	94.906	ug/l	100
52) Toluene	10.396	92	241875	21.381	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	113287	20.551	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	139944	20.562	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	69259	19.959	ug/l	96
56) Ethyl methacrylate	10.655	69	70059	18.384	ug/l #	95
57) 1,3-Dichloropropane	10.938	76	116091	19.856	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	172023	104.279	ug/l	99
59) 2-Hexanone	10.979	43	155058	92.571	ug/l	97
60) Dibromochloromethane	11.132	129	82090	19.716	ug/l	99
61) 1,2-Dibromoethane	11.238	107	63987	19.977	ug/l	100
64) Tetrachloroethene	10.867	164	81508	20.474	ug/l	97
65) Chlorobenzene	11.661	112	247399	20.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	90485	20.489	ug/l	98
67) Ethyl Benzene	11.738	91	418172	20.172	ug/l	98
68) m/p-Xylenes	11.843	106	338640	41.953	ug/l	100
69) o-Xylene	12.173	106	151048	20.661	ug/l	98
70) Styrene	12.191	104	261588	20.660	ug/l	98
71) Bromoform	12.349	173	46016	19.718	ug/l #	96
73) Isopropylbenzene	12.473	105	393413	19.278	ug/l	99
74) N-amyl acetate	12.279	43	80507	17.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	77174	18.532	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	50369m	16.723	ug/l	
77) Bromobenzene	12.749	156	96025	19.312	ug/l	99
78) n-propylbenzene	12.808	91	514807	19.653	ug/l	98
79) 2-Chlorotoluene	12.896	91	294833	19.385	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	345766	19.963	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	21563	18.790	ug/l	98
82) 4-Chlorotoluene	12.996	91	317387	20.080	ug/l	100
83) tert-Butylbenzene	13.214	119	273422	18.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	341016	19.970	ug/l	100
85) sec-Butylbenzene	13.390	105	436079	19.144	ug/l	98
86) p-Isopropyltoluene	13.502	119	357030	19.482	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	208478	20.304	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	211160	20.736	ug/l	98
89) n-Butylbenzene	13.832	91	328262	18.281	ug/l	98
90) Hexachloroethane	14.096	117	72510	17.632	ug/l	87
91) 1,2-Dichlorobenzene	13.879	146	183660	20.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	9051	14.918	ug/l	65
93) 1,2,4-Trichlorobenzene	15.149	180	103042	20.353	ug/l	96
94) Hexachlorobutadiene	15.249	225	73661	22.083	ug/l	98
95) Naphthalene	15.384	128	143277	17.805	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	87427	19.873	ug/l	96

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

