

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074987.D
 Acq On : 18 Nov 2022 14:04
 Operator : VA/SY
 Sample : VD1118SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 22:05:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	131468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	233806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	213190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50559	58.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.880%			
35) Dibromofluoromethane	7.810	113	63752	44.234	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.460%			
50) Toluene-d8	10.269	98	230440	48.539	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.080%			
62) 4-Bromofluorobenzene	12.575	95	77169	52.935	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22069	23.805	ug/l	93
3) Chloromethane	2.146	50	34718	23.190	ug/l	94
4) Vinyl Chloride	2.287	62	42688	23.157	ug/l	100
5) Bromomethane	2.687	94	36248	25.705	ug/l	99
6) Chloroethane	2.834	64	31729	23.439	ug/l	97
7) Trichlorofluoromethane	3.175	101	49483	23.559	ug/l	99
8) Diethyl Ether	3.593	74	14518	24.108	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.975	101	31443	23.459	ug/l	97
10) Methyl Iodide	4.164	142	35194	24.742	ug/l	99
11) Tert butyl alcohol	5.058	59	8058	118.179	ug/l	99
12) 1,1-Dichloroethene	3.946	96	30392	23.278	ug/l	91
13) Acrolein	3.793	56	6128	156.581	ug/l	100
14) Allyl chloride	4.569	41	34292	24.555	ug/l	99
15) Acrylonitrile	5.258	53	29566	125.634	ug/l	96
16) Acetone	4.022	43	25125	115.767	ug/l	97
17) Carbon Disulfide	4.275	76	82378	22.180	ug/l	99
18) Methyl Acetate	4.564	43	16338	27.921	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	61148	23.394	ug/l	100
20) Methylene Chloride	4.805	84	60715	26.801	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	34790	23.498	ug/l	96
22) Diisopropyl ether	6.216	45	75289	24.188	ug/l	96
23) Vinyl Acetate	6.158	43	146933	109.984	ug/l	96
24) 1,1-Dichloroethane	6.111	63	57346	24.670	ug/l	97
25) 2-Butanone	7.087	43	29290	103.204	ug/l	95
26) 2,2-Dichloropropane	7.075	77	43574	19.947	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	33523	20.410	ug/l	97
28) Bromochloromethane	7.434	49	16027	21.371	ug/l	98
29) Tetrahydrofuran	7.452	42	16413	104.479	ug/l	95
30) Chloroform	7.599	83	54706	21.490	ug/l	96
31) Cyclohexane	7.881	56	36099	18.834	ug/l #	93
32) 1,1,1-Trichloroethane	7.799	97	44978	20.501	ug/l	98
36) 1,1-Dichloropropene	8.010	75	37977	17.929	ug/l	98
37) Ethyl Acetate	7.169	43	12978	18.259	ug/l	99
38) Carbon Tetrachloride	7.999	117	33722	16.913	ug/l	97
39) Methylcyclohexane	9.275	83	43003	18.951	ug/l	92
40) Benzene	8.252	78	117899	19.357	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	7091	18.810	ug/l	95
42) 1,2-Dichloroethane	8.328	62	28043	19.239	ug/l	98
43) Isopropyl Acetate	8.363	43	22936	18.322	ug/l	99
44) Trichloroethene	9.028	130	33711	20.950	ug/l	94
45) 1,2-Dichloropropane	9.304	63	28564	20.872	ug/l	92
46) Dibromomethane	9.393	93	15870	20.707	ug/l	92
47) Bromodichloromethane	9.587	83	39592	20.815	ug/l	97
48) Methyl methacrylate	9.381	41	10126	18.260	ug/l	96
49) 1,4-Dioxane	9.393	88	2699	358.881	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	60178	100.836	ug/l	97
52) Toluene	10.334	92	77594	21.307	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	34136	20.315	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	42955	20.845	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	23284	21.849	ug/l	95
56) Ethyl methacrylate	10.599	69	23390	19.920	ug/l	98
57) 1,3-Dichloropropane	10.881	76	36190	21.123	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	37875	97.517	ug/l	99
59) 2-Hexanone	10.922	43	40960	98.453	ug/l	99
60) Dibromochloromethane	11.081	129	26843	21.233	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20920	20.990	ug/l	100
64) Tetrachloroethene	10.810	164	27363	19.143	ug/l	95
65) Chlorobenzene	11.610	112	83854	20.106	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	29600	20.257	ug/l	97
67) Ethyl Benzene	11.687	91	144335	19.865	ug/l	96
68) m/p-Xylenes	11.798	106	115042	39.711	ug/l	99
69) o-Xylene	12.122	106	53752	20.167	ug/l	95
70) Styrene	12.140	104	91150	19.951	ug/l	98
71) Bromoform	12.298	173	14885	19.682	ug/l #	97
73) Isopropylbenzene	12.422	105	138414	19.672	ug/l	100
74) N-amyl acetate	12.234	43	20949	18.096	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	25641	20.602	ug/l	93
76) 1,2,3-Trichloropropane	12.728	75	17402m	20.353	ug/l	
77) Bromobenzene	12.704	156	32576	19.784	ug/l	94
78) n-propylbenzene	12.769	91	173263	20.033	ug/l	100
79) 2-Chlorotoluene	12.851	91	96385	20.682	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	117292	20.006	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	6592	18.966	ug/l	96
82) 4-Chlorotoluene	12.951	91	101604	20.936	ug/l	98
83) tert-Butylbenzene	13.169	119	103124	20.272	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	116885	20.158	ug/l	98
85) sec-Butylbenzene	13.351	105	155923	20.150	ug/l	99
86) p-Isopropyltoluene	13.463	119	128141	19.915	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	68989	20.142	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	69865	20.551	ug/l	97
89) n-Butylbenzene	13.792	91	118994	19.919	ug/l	98
90) Hexachloroethane	14.057	117	23392	20.298	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	59249	20.341	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3251	18.945	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	34800	19.628	ug/l	99
94) Hexachlorobutadiene	15.210	225	18967	20.739	ug/l	92
95) Naphthalene	15.334	128	62023	18.847	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	29907	19.506	ug/l	96

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

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