

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074776.D
 Acq On : 07 Nov 2022 23:33
 Operator : VA/SY
 Sample : VD1107SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1107SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 01:38:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	142707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	240177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59355	52.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.020%			
35) Dibromofluoromethane	7.804	113	73800	51.945	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.880%			
50) Toluene-d8	10.263	98	254220	49.054	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.100%			
62) 4-Bromofluorobenzene	12.569	95	74179	49.574	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	24775	21.138	ug/l	93
3) Chloromethane	2.146	50	38957	20.829	ug/l	93
4) Vinyl Chloride	2.275	62	43923	21.414	ug/l	97
5) Bromomethane	2.675	94	34929	22.475	ug/l	99
6) Chloroethane	2.828	64	31767	22.345	ug/l	100
7) Trichlorofluoromethane	3.169	101	50924	21.371	ug/l	98
8) Diethyl Ether	3.593	74	14557	20.912	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	31007	20.484	ug/l	99
10) Methyl Iodide	4.158	142	32287	20.174	ug/l	98
11) Tert butyl alcohol	5.040	59	10914	11.783	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	31391	20.418	ug/l	91
13) Acrolein	3.799	56	7865	101.106	ug/l	97
14) Allyl chloride	4.558	41	31509	19.370	ug/l	97
15) Acrylonitrile	5.258	53	28731	104.446	ug/l	98
16) Acetone	4.022	43	19230	81.529	ug/l	99
17) Carbon Disulfide	4.269	76	89878	19.387	ug/l	100
18) Methyl Acetate	4.558	43	15599	21.870	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	61945	21.186	ug/l	97
20) Methylene Chloride	4.799	84	67456	28.861	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	34814	20.603	ug/l	90
22) Diisopropyl ether	6.222	45	72949	21.728	ug/l	99
23) Vinyl Acetate	6.152	43	137219	96.130	ug/l	99
24) 1,1-Dichloroethane	6.110	63	55920	21.776	ug/l	97
25) 2-Butanone	7.081	43	31026	95.669	ug/l	96
26) 2,2-Dichloropropane	7.075	77	46406	19.640	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	38909	20.875	ug/l	99
28) Bromochloromethane	7.428	49	17826	21.997	ug/l	97
29) Tetrahydrofuran	7.446	42	19157	102.999	ug/l	97
30) Chloroform	7.593	83	60933	22.211	ug/l	99
31) Cyclohexane	7.881	56	44484	19.439	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	52428	21.634	ug/l	97
36) 1,1-Dichloropropene	8.004	75	44088	20.444	ug/l	99
37) Ethyl Acetate	7.163	43	14391	20.004	ug/l	97
38) Carbon Tetrachloride	7.987	117	41077	20.105	ug/l	99
39) Methylcyclohexane	9.269	83	52464	19.996	ug/l	93
40) Benzene	8.251	78	135810	21.307	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6666	18.557	ug/l #	77
42) 1,2-Dichloroethane	8.322	62	32998	22.518	ug/l	98
43) Isopropyl Acetate	8.357	43	28706	21.445	ug/l	97
44) Trichloroethene	9.028	130	38339	21.111	ug/l	100
45) 1,2-Dichloropropane	9.304	63	31011	21.998	ug/l	96
46) Dibromomethane	9.393	93	17752	21.730	ug/l	96
47) Bromodichloromethane	9.587	83	44069	22.406	ug/l #	88
48) Methyl methacrylate	9.381	41	12627	21.168	ug/l	94
49) 1,4-Dioxane	9.387	88	3580	434.535	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	68553	105.608	ug/l	97
52) Toluene	10.334	92	77599	19.884	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	33238	19.107	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	46626	21.361	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	22345	20.133	ug/l	97
56) Ethyl methacrylate	10.593	69	22905	18.459	ug/l	94
57) 1,3-Dichloropropane	10.881	76	35458	19.831	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	27245	100.472	ug/l	99
59) 2-Hexanone	10.922	43	41495	92.928	ug/l	100
60) Dibromochloromethane	11.069	129	26310	19.857	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20571	19.668	ug/l	100
64) Tetrachloroethene	10.810	164	28058	20.682	ug/l	92
65) Chlorobenzene	11.604	112	83689	22.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	28450	22.049	ug/l	98
67) Ethyl Benzene	11.681	91	140782	20.889	ug/l	100
68) m/p-Xylenes	11.792	106	115608	43.207	ug/l	98
69) o-Xylene	12.122	106	52676	21.415	ug/l	98
70) Styrene	12.134	104	91817	22.032	ug/l	98
71) Bromoform	12.298	173	15205	22.004	ug/l #	100
73) Isopropylbenzene	12.422	105	138563	20.806	ug/l	100
74) N-amyl acetate	12.234	43	22744	21.025	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	25084	22.414	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	17854m	25.266	ug/l	
77) Bromobenzene	12.698	156	32898	21.453	ug/l	98
78) n-propylbenzene	12.763	91	167797	21.031	ug/l	100
79) 2-Chlorotoluene	12.845	91	92454	21.521	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	115855	21.322	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	5594	18.791	ug/l	99
82) 4-Chlorotoluene	12.945	91	96193	21.528	ug/l	98
83) tert-Butylbenzene	13.163	119	101236	21.142	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	116240	21.681	ug/l	100
85) sec-Butylbenzene	13.339	105	154818	21.430	ug/l	99
86) p-Isopropyltoluene	13.457	119	124763	20.506	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	66639	20.958	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	66648	21.322	ug/l	99
89) n-Butylbenzene	13.786	91	115284	20.718	ug/l	97
90) Hexachloroethane	14.051	117	22274	21.353	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	58084	21.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3342	21.604	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	33348	19.942	ug/l	97
94) Hexachlorobutadiene	15.198	225	18092	20.682	ug/l	99
95) Naphthalene	15.328	128	65640	20.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	30096	20.454	ug/l	97

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

