

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075207.D
 Acq On : 26 Jan 2023 12:50
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/27/2023
 Supervised By :Mahesh Dadoda 01/27/2023

Quant Time: Jan 27 00:23:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	64566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	111732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	97706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35966	54.589	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.180%			
35) Dibromofluoromethane	7.811	113	36337	53.820	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.640%			
50) Toluene-d8	10.269	98	139422	52.446	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.581	95	44848	53.157	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	25272	50.285	ug/l	94
3) Chloromethane	2.146	50	40799	48.917	ug/l	98
4) Vinyl Chloride	2.281	62	43417	48.513	ug/l	97
5) Bromomethane	2.687	94	28989	47.629	ug/l	97
6) Chloroethane	2.834	64	29950	48.265	ug/l	99
7) Trichlorofluoromethane	3.175	101	59241	52.077	ug/l	97
8) Diethyl Ether	3.593	74	18322	49.988	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	37514	53.420	ug/l	99
10) Methyl Iodide	4.170	142	47030	49.750	ug/l	97
11) Tert butyl alcohol	5.058	59	12049	262.145	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	37478	50.694	ug/l	95
13) Acrolein	3.799	56	11108	298.651	ug/l	90
14) Allyl chloride	4.564	41	60004	50.011	ug/l	95
15) Acrylonitrile	5.264	53	41886	270.261	ug/l	100
16) Acetone	4.022	43	50064	288.109	ug/l	95
17) Carbon Disulfide	4.270	76	116399	48.543	ug/l	100
18) Methyl Acetate	4.564	43	25427	53.833	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	83157	53.846	ug/l	96
20) Methylene Chloride	4.805	84	44782	49.376	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	42214	51.292	ug/l	94
22) Diisopropyl ether	6.222	45	117790	52.747	ug/l	95
23) Vinyl Acetate	6.158	43	260655	264.833	ug/l	97
24) 1,1-Dichloroethane	6.116	63	73171	52.139	ug/l	100
25) 2-Butanone	7.075	43	57557	274.057	ug/l	97
26) 2,2-Dichloropropane	7.075	77	63629	50.862	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	47611	53.070	ug/l	97
28) Bromochloromethane	7.428	49	19924	51.999	ug/l	94
29) Tetrahydrofuran	7.446	42	32490	271.234	ug/l	99
30) Chloroform	7.599	83	73778	52.719	ug/l	97
31) Cyclohexane	7.881	56	64473	48.793	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	63584	52.737	ug/l	97
36) 1,1-Dichloropropene	8.011	75	57527	53.031	ug/l	99
37) Ethyl Acetate	7.169	43	24046	55.021	ug/l #	97
38) Carbon Tetrachloride	7.993	117	49687	54.401	ug/l	97
39) Methylcyclohexane	9.275	83	67896	50.789	ug/l	99
40) Benzene	8.252	78	163526	52.860	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14975	56.945	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	44500	54.762	ug/l	100
43) Isopropyl Acetate	8.363	43	45669	53.699	ug/l	99
44) Trichloroethene	9.028	130	44821	51.523	ug/l	100
45) 1,2-Dichloropropane	9.310	63	40930	53.711	ug/l	100
46) Dibromomethane	9.399	93	21554	53.632	ug/l	97
47) Bromodichloromethane	9.587	83	54475	54.636	ug/l	97
48) Methyl methacrylate	9.381	41	21847	52.532	ug/l	99
49) 1,4-Dioxane	9.381	88	4291	1118.409	ug/l	91
51) 4-Methyl-2-Pentanone	10.163	43	112557	275.602	ug/l	97
52) Toluene	10.334	92	102747	52.557	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	50235	53.255	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	61831	53.652	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	29044	54.609	ug/l	94
56) Ethyl methacrylate	10.599	69	33944	53.070	ug/l	97
57) 1,3-Dichloropropane	10.881	76	50779	55.562	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	54511	249.065	ug/l	99
59) 2-Hexanone	10.922	43	81911	277.383	ug/l	98
60) Dibromochloromethane	11.081	129	34293	53.494	ug/l	98
61) 1,2-Dibromoethane	11.181	107	27573	54.260	ug/l	97
64) Tetrachloroethene	10.810	164	36081	51.713	ug/l	95
65) Chlorobenzene	11.610	112	108013	53.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	36796	54.640	ug/l	98
67) Ethyl Benzene	11.687	91	195924	54.365	ug/l	99
68) m/p-Xylenes	11.799	106	151771	109.017	ug/l	100
69) o-Xylene	12.122	106	71680	54.889	ug/l	98
70) Styrene	12.140	104	120715	55.607	ug/l	100
71) Bromoform	12.304	173	19753	56.805	ug/l #	96
73) Isopropylbenzene	12.422	105	188980	50.927	ug/l	100
74) N-amyl acetate	12.240	43	39848	49.021	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	30788	52.074	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	25006m	62.848	ug/l	
77) Bromobenzene	12.704	156	41301	48.727	ug/l	94
78) n-propylbenzene	12.769	91	232474	50.981	ug/l	98
79) 2-Chlorotoluene	12.851	91	126460	50.424	ug/l	99
80) 1,3,5-Trimethylbenzene	12.910	105	156949	51.623	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	9018	52.574	ug/l	96
82) 4-Chlorotoluene	12.951	91	131840	51.130	ug/l	99
83) tert-Butylbenzene	13.169	119	137320	52.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	152209	50.978	ug/l	100
85) sec-Butylbenzene	13.351	105	205713	51.478	ug/l	99
86) p-Isopropyltoluene	13.463	119	169547	51.823	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	82869	50.437	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	82788	51.214	ug/l	99
89) n-Butylbenzene	13.793	91	163817	51.384	ug/l	98
90) Hexachloroethane	14.057	117	30221	52.309	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	71479	50.851	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4689	51.869	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	46495	50.371	ug/l	99
94) Hexachlorobutadiene	15.210	225	22673	50.120	ug/l	99
95) Naphthalene	15.340	128	86667	47.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	39326	49.931	ug/l	97

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

