

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075738.D
 Acq On : 18 Apr 2023 20:39
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

04/19/2023
 Supervised By :Mahesh
 Dadoda

04/27/2023

Quant Time: Apr 19 01:25:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	147076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88600	52.547	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.100%			
35) Dibromofluoromethane	7.805	113	108194	51.237	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.480%			
50) Toluene-d8	10.269	98	427564	50.562	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.120%			
62) 4-Bromofluorobenzene	12.575	95	118187	52.582	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	81898	49.619	ug/l	93
3) Chloromethane	2.146	50	145973	48.979	ug/l	100
4) Vinyl Chloride	2.281	62	184947	46.765	ug/l	99
5) Bromomethane	2.687	94	143546	46.487	ug/l	97
6) Chloroethane	2.834	64	128990	48.443	ug/l	95
7) Trichlorofluoromethane	3.175	101	156333	51.018	ug/l	97
8) Diethyl Ether	3.593	74	48864	51.235	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.969	101	102244	53.208	ug/l	94
10) Methyl Iodide	4.164	142	145581	55.357	ug/l	91
11) Tert butyl alcohol	5.046	59	20258	239.399	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	104748	52.647	ug/l	88
13) Acrolein	3.799	56	48003	281.234	ug/l	99
14) Allyl chloride	4.564	41	96082	53.025	ug/l #	79
15) Acrylonitrile	5.258	53	96878	271.963	ug/l	96
16) Acetone	4.022	43	65149	210.911	ug/l #	77
17) Carbon Disulfide	4.275	76	324153	49.786	ug/l	98
18) Methyl Acetate	4.564	43	56619	54.355	ug/l #	71
19) Methyl tert-butyl Ether	5.316	73	204459	52.951	ug/l	99
20) Methylene Chloride	4.805	84	152508	65.233	ug/l #	71
21) trans-1,2-Dichloroethene	5.311	96	126580	53.418	ug/l #	78
22) Diisopropyl ether	6.222	45	230139	56.207	ug/l #	86
23) Vinyl Acetate	6.158	43	524869	275.983	ug/l #	86
24) 1,1-Dichloroethane	6.110	63	182091	53.670	ug/l #	97
25) 2-Butanone	7.081	43	95021	238.917	ug/l #	72
26) 2,2-Dichloropropane	7.081	77	142940	46.471	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	139907	53.299	ug/l	79
28) Bromochloromethane	7.428	49	54512	50.828	ug/l #	48
29) Tetrahydrofuran	7.446	42	60751	279.322	ug/l #	59
30) Chloroform	7.593	83	205738	53.490	ug/l	98
31) Cyclohexane	7.881	56	134668	50.897	ug/l #	81
32) 1,1,1-Trichloroethane	7.793	97	169107	53.920	ug/l	96
36) 1,1-Dichloropropene	8.010	75	147089	50.491	ug/l	91
37) Ethyl Acetate	7.163	43	46137	52.041	ug/l #	80
38) Carbon Tetrachloride	7.993	117	131915	51.421	ug/l	98
39) Methylcyclohexane	9.275	83	178363	52.948	ug/l	90
40) Benzene	8.252	78	476147	52.577	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	27141	63.795	ug/l #	69
42) 1,2-Dichloroethane	8.322	62	106406	51.728	ug/l	90
43) Isopropyl Acetate	8.357	43	83760	51.811	ug/l #	78
44) Trichloroethene	9.028	130	130784	51.027	ug/l	89
45) 1,2-Dichloropropane	9.304	63	107261	52.852	ug/l	92
46) Dibromomethane	9.393	93	65092	50.558	ug/l	96
47) Bromodichloromethane	9.587	83	152697	51.849	ug/l	99
48) Methyl methacrylate	9.381	41	40166	55.767	ug/l #	59
49) 1,4-Dioxane	9.387	88	12772	999.870	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	221640	257.137	ug/l #	79
52) Toluene	10.334	92	308017	51.149	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	136674	48.412	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	169864	50.640	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	93898	50.370	ug/l	95
56) Ethyl methacrylate	10.598	69	93663	51.055	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	144375	51.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	198040	251.358	ug/l #	86
59) 2-Hexanone	10.922	43	149742	247.076	ug/l	71
60) Dibromochloromethane	11.075	129	109329	50.120	ug/l	99
61) 1,2-Dibromoethane	11.181	107	86885	48.859	ug/l	99
64) Tetrachloroethene	10.810	164	108822	51.308	ug/l	92
65) Chlorobenzene	11.610	112	333005	52.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	116470	53.709	ug/l	96
67) Ethyl Benzene	11.687	91	560571	54.758	ug/l	96
68) m/p-Xylenes	11.793	106	469858	111.992	ug/l	89
69) o-Xylene	12.122	106	215331	56.761	ug/l	90
70) Styrene	12.134	104	373753	53.610	ug/l	93
71) Bromoform	12.298	173	62965	55.545	ug/l #	99
73) Isopropylbenzene	12.422	105	538396	55.777	ug/l	98
74) N-amyl acetate	12.234	43	76864	54.190	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	100862	53.791	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	67403m	56.198	ug/l	
77) Bromobenzene	12.704	156	131669	52.911	ug/l	89
78) n-propylbenzene	12.763	91	653564	55.238	ug/l	97
79) 2-Chlorotoluene	12.851	91	357241	53.234	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	450468	55.980	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	28086	50.754	ug/l #	71
82) 4-Chlorotoluene	12.951	91	365031	52.312	ug/l	92
83) tert-Butylbenzene	13.169	119	381179	56.179	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	447593	55.433	ug/l	94
85) sec-Butylbenzene	13.345	105	581570	55.561	ug/l	98
86) p-Isopropyltoluene	13.463	119	478305	54.889	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	272673	52.671	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	264661	51.747	ug/l	97
89) n-Butylbenzene	13.787	91	420693	52.411	ug/l	98
90) Hexachloroethane	14.057	117	93037	53.737	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	237988	53.665	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13517	53.775	ug/l	85
93) 1,2,4-Trichlorobenzene	15.104	180	123366	47.816	ug/l	97
94) Hexachlorobutadiene	15.204	225	58888	47.754	ug/l	98
95) Naphthalene	15.334	128	258915	52.972	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	114886	50.592	ug/l	98

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

