

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075168.D
 Acq On : 23 Jan 2023 10:15
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 14:03:36 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	83058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	142829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	124569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42902	50.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.240%			
35) Dibromofluoromethane	7.805	113	45452	52.663	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.320%			
50) Toluene-d8	10.269	98	178555	52.543	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.080%			
62) 4-Bromofluorobenzene	12.575	95	53814	49.897	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31025	47.822	ug/l	94
3) Chloromethane	2.146	50	48701	45.391	ug/l	95
4) Vinyl Chloride	2.287	62	52560	45.654	ug/l	100
5) Bromomethane	2.693	94	35200	44.957	ug/l	99
6) Chloroethane	2.840	64	36598	45.847	ug/l	96
7) Trichlorofluoromethane	3.175	101	72111	49.278	ug/l	96
8) Diethyl Ether	3.593	74	22259	47.208	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	44558	49.324	ug/l	99
10) Methyl Iodide	4.164	142	57252	47.079	ug/l	99
11) Tert butyl alcohol	5.052	59	11326	191.553	ug/l #	80
12) 1,1-Dichloroethene	3.940	96	46799	49.209	ug/l	94
13) Acrolein	3.799	56	15537	327.546	ug/l	90
14) Allyl chloride	4.564	41	77688	50.334	ug/l	99
15) Acrylonitrile	5.258	53	50639	253.994	ug/l	98
16) Acetone	4.016	43	76406	341.807	ug/l	97
17) Carbon Disulfide	4.269	76	151962	49.264	ug/l	99
18) Methyl Acetate	4.564	43	30131	49.590	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	99081	49.873	ug/l	99
20) Methylene Chloride	4.799	84	52154	43.818	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	53251	50.297	ug/l	95
22) Diisopropyl ether	6.216	45	144321	50.239	ug/l	97
23) Vinyl Acetate	6.158	43	337360	266.454	ug/l	96
24) 1,1-Dichloroethane	6.116	63	91538	50.705	ug/l	98
25) 2-Butanone	7.075	43	80952	299.635	ug/l	97
26) 2,2-Dichloropropane	7.075	77	76810	47.728	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	57652	49.955	ug/l	99
28) Bromochloromethane	7.422	49	23477	47.630	ug/l #	11
29) Tetrahydrofuran	7.446	42	38129	247.441	ug/l	98
30) Chloroform	7.599	83	90358	50.191	ug/l	98
31) Cyclohexane	7.875	56	80554	47.390	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	77325	49.855	ug/l	100
36) 1,1-Dichloropropene	8.010	75	69809	50.342	ug/l	100
37) Ethyl Acetate	7.169	43	27096	48.501	ug/l	99
38) Carbon Tetrachloride	7.993	117	61368	52.561	ug/l	96
39) Methylcyclohexane	9.275	83	87281	51.075	ug/l	100
40) Benzene	8.252	78	205199	51.889	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16705	49.693	ug/l	92
42) 1,2-Dichloroethane	8.328	62	53290	51.301	ug/l	99
43) Isopropyl Acetate	8.357	43	54400	50.038	ug/l	99
44) Trichloroethene	9.028	130	54968	49.430	ug/l	97
45) 1,2-Dichloropropane	9.304	63	49839	51.162	ug/l	95
46) Dibromomethane	9.393	93	26301	51.195	ug/l	95
47) Bromodichloromethane	9.587	83	66108	51.868	ug/l	95
48) Methyl methacrylate	9.381	41	26120	49.132	ug/l	99
49) 1,4-Dioxane	9.381	88	5030	1025.584	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	135450	259.448	ug/l	99
52) Toluene	10.334	92	128896	51.578	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	61748	51.208	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	76146	51.688	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	34585	50.869	ug/l	96
56) Ethyl methacrylate	10.599	69	41392	50.625	ug/l	99
57) 1,3-Dichloropropane	10.881	76	59643	51.052	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	73560	262.925	ug/l	99
59) 2-Hexanone	10.922	43	112469	297.941	ug/l	100
60) Dibromochloromethane	11.075	129	41135	50.197	ug/l	97
61) 1,2-Dibromoethane	11.181	107	32308	49.736	ug/l	100
64) Tetrachloroethene	10.810	164	44369	49.878	ug/l	94
65) Chlorobenzene	11.610	112	130247	51.026	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	44220	51.504	ug/l	96
67) Ethyl Benzene	11.687	91	238081	51.816	ug/l	100
68) m/p-Xylenes	11.798	106	183179	103.203	ug/l	99
69) o-Xylene	12.122	106	86818	52.145	ug/l	99
70) Styrene	12.140	104	141768	51.222	ug/l	98
71) Bromoform	12.304	173	22894	51.640	ug/l #	94
73) Isopropylbenzene	12.428	105	226017	50.224	ug/l	99
74) N-amyl acetate	12.240	43	46805	47.480	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.681	83	36514	50.926	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	23626m	48.965	ug/l	
77) Bromobenzene	12.704	156	49559	48.214	ug/l	95
78) n-propylbenzene	12.769	91	277054	50.101	ug/l	100
79) 2-Chlorotoluene	12.851	91	148837	48.937	ug/l	100
80) 1,3,5-Trimethylbenzene	12.910	105	184606	50.070	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	11572	55.630	ug/l	97
82) 4-Chlorotoluene	12.951	91	155416	49.701	ug/l	100
83) tert-Butylbenzene	13.169	119	161335	50.573	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	182204	50.320	ug/l	99
85) sec-Butylbenzene	13.351	105	243633	50.273	ug/l	97
86) p-Isopropyltoluene	13.463	119	195384	49.245	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	98062	49.216	ug/l	98
88) 1,4-Dichlorobenzene	13.545	146	97083	49.523	ug/l	99
89) n-Butylbenzene	13.792	91	193203	49.972	ug/l	99
90) Hexachloroethane	14.057	117	34485	49.220	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	85647	50.243	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5499	50.160	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	51064	45.618	ug/l	100
94) Hexachlorobutadiene	15.210	225	25786	47.004	ug/l	97
95) Naphthalene	15.339	128	101873	45.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	43769	45.824	ug/l	99

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

