

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011123\
 Data File : VD075114.D
 Acq On : 11 Jan 2023 09:32
 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 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 04:26:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	167602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	144594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	63474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	51064	54.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.840%			
35) Dibromofluoromethane	7.810	113	53153	50.417	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.840%			
50) Toluene-d8	10.269	98	206394	49.374	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.740%			
62) 4-Bromofluorobenzene	12.574	95	65605	48.896	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21751	50.338	ug/l	96
3) Chloromethane	2.146	50	30935	46.383	ug/l	98
4) Vinyl Chloride	2.281	62	34462	43.431	ug/l	99
5) Bromomethane	2.693	94	22933	44.716	ug/l	99
6) Chloroethane	2.834	64	27190	45.236	ug/l	94
7) Trichlorofluoromethane	3.175	101	62984	51.529	ug/l	98
8) Diethyl Ether	3.587	74	21699	51.151	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	45251	53.362	ug/l	93
10) Methyl Iodide	4.163	142	41614	48.610	ug/l	98
11) Tert butyl alcohol	5.051	59	15400	263.316	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	38444	48.886	ug/l	88
13) Acrolein	3.798	56	18287	242.380	ug/l	100
14) Allyl chloride	4.563	41	75391	56.000	ug/l	99
15) Acrylonitrile	5.257	53	57300	262.021	ug/l	100
16) Acetone	4.022	43	62077	281.763	ug/l	98
17) Carbon Disulfide	4.269	76	67433	49.564	ug/l	96
18) Methyl Acetate	4.563	43	27589	49.849	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	110993	53.889	ug/l	98
20) Methylene Chloride	4.804	84	54336	50.858	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	43494	50.440	ug/l	91
22) Diisopropyl ether	6.216	45	160528	55.710	ug/l #	92
23) Vinyl Acetate	6.151	43	350659	332.352	ug/l	95
24) 1,1-Dichloroethane	6.116	63	95884	55.334	ug/l	97
25) 2-Butanone	7.081	43	77332	264.979	ug/l	99
26) 2,2-Dichloropropane	7.075	77	86367	55.574	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	58961	54.159	ug/l	97
28) Bromochloromethane	7.428	49	33946	56.480	ug/l	98
29) Tetrahydrofuran	7.445	42	40278	245.321	ug/l	99
30) Chloroform	7.598	83	98054	55.841	ug/l	98
31) Cyclohexane	7.875	56	65945	57.069	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	81822	54.306	ug/l	99
36) 1,1-Dichloropropene	8.010	75	63980	49.050	ug/l	97
37) Ethyl Acetate	7.169	43	31772	49.770	ug/l	99
38) Carbon Tetrachloride	7.992	117	59670	52.215	ug/l	98
39) Methylcyclohexane	9.275	83	70791	46.923	ug/l	94
40) Benzene	8.251	78	195908	50.340	ug/l	99

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41) Methacrylonitrile	7.398	41	17903	40.088	ug/l	91
42) 1,2-Dichloroethane	8.328	62	54231	49.724	ug/l	98
43) Isopropyl Acetate	8.357	43	61006	48.602	ug/l	99
44) Trichloroethene	9.028	130	53165	47.531	ug/l	95
45) 1,2-Dichloropropane	9.304	63	54624	51.511	ug/l	99
46) Dibromomethane	9.392	93	26847	50.093	ug/l	94
47) Bromodichloromethane	9.586	83	72690	51.938	ug/l	91
48) Methyl methacrylate	9.380	41	26787	47.364	ug/l	95
49) 1,4-Dioxane	9.380	88	5603	959.959	ug/l	87
51) 4-Methyl-2-Pentanone	10.157	43	151190	238.532	ug/l	99
52) Toluene	10.333	92	126035	49.954	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	66204	51.757	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	81669	52.128	ug/l	97
55) 1,1,2-Trichloroethane	10.733	97	39460	50.553	ug/l	95
56) Ethyl methacrylate	10.598	69	47589	50.473	ug/l	99
57) 1,3-Dichloropropane	10.880	76	65792	50.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	99601	279.808	ug/l	98
59) 2-Hexanone	10.922	43	107712	242.942	ug/l	98
60) Dibromochloromethane	11.075	129	46514	50.327	ug/l	97
61) 1,2-Dibromoethane	11.180	107	34589	48.806	ug/l	99
64) Tetrachloroethene	10.810	164	42095	45.399	ug/l	99
65) Chlorobenzene	11.610	112	137560	50.544	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.680	131	49163	51.122	ug/l	97
67) Ethyl Benzene	11.686	91	247973	51.169	ug/l	98
68) m/p-Xylenes	11.798	106	185620	99.368	ug/l	100
69) o-Xylene	12.122	106	91395	50.482	ug/l	99
70) Styrene	12.139	104	154965	51.215	ug/l	99
71) Bromoform	12.304	173	24579	47.552	ug/l #	97
73) Isopropylbenzene	12.422	105	246642	51.970	ug/l	100
74) N-amyl acetate	12.239	43	52562	48.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.674	83	40273	49.514	ug/l	100
76) 1,2,3-Trichloropropane	12.727	75	31193m	51.503	ug/l	
77) Bromobenzene	12.704	156	52862	50.879	ug/l	99
78) n-propylbenzene	12.763	91	299678	52.650	ug/l	100
79) 2-Chlorotoluene	12.851	91	165631	52.949	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	198615	51.586	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.474	75	11790	51.698	ug/l	96
82) 4-Chlorotoluene	12.951	91	164757	51.419	ug/l	99
83) tert-Butylbenzene	13.169	119	184549	54.310	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	193410	51.979	ug/l	99
85) sec-Butylbenzene	13.351	105	272042	52.837	ug/l	99
86) p-Isopropyltoluene	13.463	119	217046	52.188	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	106242	51.358	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	107217	51.256	ug/l	100
89) n-Butylbenzene	13.792	91	217162	53.093	ug/l	100
90) Hexachloroethane	14.057	117	38191	52.682	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	93204	50.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6318	48.302	ug/l	89
93) 1,2,4-Trichlorobenzene	15.104	180	59281	49.516	ug/l	97
94) Hexachlorobutadiene	15.204	225	29463	49.367	ug/l	98
95) Naphthalene	15.333	128	134772	57.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	49394	47.763	ug/l	98

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

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