

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072612.D
 Acq On : 18 Apr 2022 22:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/19/2022
 Supervised By :Mahesh Dadoda 04/19/2022

Quant Time: Apr 19 02:54:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	276724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	458747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	445991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168582	50.360	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.720%			
35) Dibromofluoromethane	7.908	113	186035	52.182	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.360%			
50) Toluene-d8	10.332	98	636932	51.396	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.800%			
62) 4-Bromofluorobenzene	12.620	95	257338	53.171	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	108692	49.491	ug/l	100
3) Chloromethane	2.209	50	111070	54.678	ug/l	99
4) Vinyl Chloride	2.350	62	117376	50.267	ug/l	100
5) Bromomethane	2.768	94	92746	59.251	ug/l	100
6) Chloroethane	2.920	64	86851	58.050	ug/l	97
7) Trichlorofluoromethane	3.273	101	267030	56.018	ug/l	99
8) Diethyl Ether	3.709	74	81501	57.533	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.091	101	168543	53.015	ug/l	95
10) Methyl Iodide	4.297	142	137706	46.733	ug/l	98
11) Tert butyl alcohol	5.214	59	51435	290.956	ug/l	99
12) 1,1-Dichloroethene	4.067	96	142093	57.169	ug/l	81
13) Acrolein	3.920	56	6830	87.064	ug/l	92
14) Allyl chloride	4.714	41	218131	49.979	ug/l #	91
15) Acrylonitrile	5.414	53	193525	273.167	ug/l	98
16) Acetone	4.150	43	133007	213.084	ug/l	93
17) Carbon Disulfide	4.409	76	283985	52.557	ug/l	98
18) Methyl Acetate	4.714	43	82403	46.859	ug/l #	87
19) Methyl tert-butyl Ether	5.479	73	413588	57.011	ug/l	94
20) Methylene Chloride	4.962	84	246235	66.263	ug/l	84
21) trans-1,2-Dichloroethene	5.467	96	170658	56.160	ug/l	89
22) Diisopropyl ether	6.361	45	564974	56.577	ug/l #	91
23) Vinyl Acetate	6.303	43	1464101	272.022	ug/l #	92
24) 1,1-Dichloroethane	6.261	63	347774	57.794	ug/l	98
25) 2-Butanone	7.208	43	218121	252.663	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	292050	54.642	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	226100	59.914	ug/l	88
28) Bromochloromethane	7.544	49	140871	54.636	ug/l #	70
29) Tetrahydrofuran	7.561	42	143816	275.930	ug/l #	87
30) Chloroform	7.703	83	394266	58.246	ug/l	95
31) Cyclohexane	7.979	56	228896	52.294	ug/l	86
32) 1,1,1-Trichloroethane	7.897	97	332759	57.960	ug/l	96
36) 1,1-Dichloropropene	8.108	75	246322	53.975	ug/l	95
37) Ethyl Acetate	7.291	43	105919	56.070	ug/l #	96
38) Carbon Tetrachloride	8.091	117	289704	58.985	ug/l	95
39) Methylcyclohexane	9.350	83	254588	48.099	ug/l	97
40) Benzene	8.350	78	754619	60.608	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	71707	64.457	ug/l #	27
42) 1,2-Dichloroethane	8.414	62	226605	59.545	ug/l	96
43) Isopropyl Acetate	8.450	43	203956	56.286	ug/l #	90
44) Trichloroethene	9.108	130	210396	59.522	ug/l	90
45) 1,2-Dichloropropane	9.379	63	203368	58.717	ug/l	99
46) Dibromomethane	9.467	93	110893	61.026	ug/l	95
47) Bromodichloromethane	9.655	83	308106	59.020	ug/l	97
48) Methyl methacrylate	9.450	41	98875	56.204	ug/l #	83
49) 1,4-Dioxane	9.450	88	25683	1188.167	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	555302	285.604	ug/l	90
52) Toluene	10.397	92	518735	62.714	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	271740	59.735	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	316364	58.820	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	168938	61.324	ug/l	96
56) Ethyl methacrylate	10.655	69	186828	55.033	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	268873	59.038	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	368657	271.058	ug/l	94
59) 2-Hexanone	10.979	43	366362	277.091	ug/l	90
60) Dibromochloromethane	11.132	129	215765	60.718	ug/l	99
61) 1,2-Dibromoethane	11.238	107	153521	62.766	ug/l	100
64) Tetrachloroethene	10.867	164	168101	57.689	ug/l	96
65) Chlorobenzene	11.661	112	572327	57.398	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	230592	57.843	ug/l	99
67) Ethyl Benzene	11.738	91	1007473	57.905	ug/l	97
68) m/p-Xylenes	11.843	106	788383	119.439	ug/l	98
69) o-Xylene	12.173	106	378909	59.496	ug/l	94
70) Styrene	12.185	104	665955	59.333	ug/l	98
71) Bromoform	12.349	173	123245	58.317	ug/l #	97
73) Isopropylbenzene	12.467	105	1030069	53.413	ug/l	100
74) N-amyl acetate	12.279	43	205929	50.892	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	189440	51.861	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	137797m	52.909	ug/l	
77) Bromobenzene	12.749	156	237209	54.877	ug/l	90
78) n-propylbenzene	12.808	91	1255544	53.967	ug/l	98
79) 2-Chlorotoluene	12.896	91	733993	53.948	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	892352	54.028	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	56017	52.778	ug/l	89
82) 4-Chlorotoluene	12.990	91	758891	53.556	ug/l	98
83) tert-Butylbenzene	13.208	119	779355	54.505	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	883685	54.714	ug/l	99
85) sec-Butylbenzene	13.390	105	1143512	53.093	ug/l	100
86) p-Isopropyltoluene	13.502	119	954170	54.200	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	490353	54.746	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	481619	53.351	ug/l	99
89) n-Butylbenzene	13.826	91	885293	52.789	ug/l	98
90) Hexachloroethane	14.096	117	193405	53.665	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	430863	54.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	29177	54.009	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	262289	53.564	ug/l	99
94) Hexachlorobutadiene	15.249	225	145195	52.936	ug/l	99
95) Naphthalene	15.384	128	483670	50.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	233558	54.649	ug/l	98

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

