

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072637.D
 Acq On : 19 Apr 2022 21:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 05:05:57 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	357136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	603059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	569411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217348	50.309	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.620%			
35) Dibromofluoromethane	7.908	113	230527	49.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.380%			
50) Toluene-d8	10.332	98	783851	48.116	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.240%			
62) 4-Bromofluorobenzene	12.620	95	315384	49.570	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	139083	49.070	ug/l	99
3) Chloromethane	2.209	50	150131	57.267	ug/l	100
4) Vinyl Chloride	2.344	62	153320	50.865	ug/l	98
5) Bromomethane	2.762	94	114375	56.616	ug/l	92
6) Chloroethane	2.920	64	112434	58.229	ug/l	99
7) Trichlorofluoromethane	3.267	101	341000	55.428	ug/l	95
8) Diethyl Ether	3.709	74	112503	61.536	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.097	101	221731	54.042	ug/l	97
10) Methyl Iodide	4.297	142	174919	46.055	ug/l	99
11) Tert butyl alcohol	5.220	59	105202	461.112	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	185959	57.972	ug/l	87
13) Acrolein	3.920	56	8326	82.237	ug/l	98
14) Allyl chloride	4.714	41	309084	54.763	ug/l #	91
15) Acrylonitrile	5.420	53	279068	305.221	ug/l	98
16) Acetone	4.156	43	209404	259.940	ug/l	94
17) Carbon Disulfide	4.409	76	365614	52.438	ug/l	99
18) Methyl Acetate	4.714	43	130821	57.643	ug/l #	91
19) Methyl tert-butyl Ether	5.479	73	575006	61.415	ug/l	98
20) Methylene Chloride	4.961	84	299095	62.365	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	222696	56.775	ug/l	90
22) Diisopropyl ether	6.361	45	768952	59.665	ug/l #	91
23) Vinyl Acetate	6.303	43	2023337	290.837	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	466020	60.007	ug/l	99
25) 2-Butanone	7.208	43	330651	296.775	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	381580	55.318	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	292961	60.152	ug/l	90
28) Bromochloromethane	7.544	49	188997	56.797	ug/l #	79
29) Tetrahydrofuran	7.561	42	212279	315.582	ug/l #	88
30) Chloroform	7.702	83	516488	59.122	ug/l	97
31) Cyclohexane	7.979	56	314311	55.640	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	432918	58.427	ug/l	96
36) 1,1-Dichloropropene	8.108	75	319754	53.313	ug/l	95
37) Ethyl Acetate	7.285	43	151249	60.907	ug/l #	94
38) Carbon Tetrachloride	8.091	117	364274	56.419	ug/l	99
39) Methylcyclohexane	9.349	83	362169	51.814	ug/l	98
40) Benzene	8.344	78	981228	59.950	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	91265	62.458	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	293538	58.675	ug/l	95
43) Isopropyl Acetate	8.450	43	297678	62.492	ug/l #	91
44) Trichloroethene	9.108	130	265509	57.139	ug/l	96
45) 1,2-Dichloropropane	9.379	63	269115	59.106	ug/l	94
46) Dibromomethane	9.467	93	147084	61.573	ug/l	98
47) Bromodichloromethane	9.655	83	399916	58.274	ug/l	99
48) Methyl methacrylate	9.449	41	146344	63.280	ug/l #	87
49) 1,4-Dioxane	9.461	88	35317	1242.880	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	810093	316.944	ug/l	92
52) Toluene	10.396	92	651234	59.892	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	358442	59.938	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	416095	58.850	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	220546	60.900	ug/l	99
56) Ethyl methacrylate	10.655	69	261911	58.609	ug/l	86
57) 1,3-Dichloropropane	10.938	76	354892	59.278	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	495164	276.951	ug/l	93
59) 2-Hexanone	10.979	43	540518	310.983	ug/l	92
60) Dibromochloromethane	11.132	129	276820	59.258	ug/l	98
61) 1,2-Dibromoethane	11.238	107	199753	62.125	ug/l	98
64) Tetrachloroethene	10.867	164	208935	56.161	ug/l	94
65) Chlorobenzene	11.661	112	727998	57.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	292736	57.515	ug/l	99
67) Ethyl Benzene	11.738	91	1283562	57.783	ug/l	96
68) m/p-Xylenes	11.843	106	992855	117.813	ug/l	99
69) o-Xylene	12.173	106	481115	59.170	ug/l	96
70) Styrene	12.185	104	844138	58.906	ug/l	97
71) Bromoform	12.349	173	155401	57.595	ug/l #	99
73) Isopropylbenzene	12.467	105	1303648	55.710	ug/l	99
74) N-amyl acetate	12.279	43	286789	58.410	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	247409	55.819	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	178287m	56.416	ug/l	
77) Bromobenzene	12.749	156	296384	56.508	ug/l	92
78) n-propylbenzene	12.808	91	1564289	55.413	ug/l	98
79) 2-Chlorotoluene	12.896	91	914357	55.384	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1106630	55.217	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	74398	57.768	ug/l	89
82) 4-Chlorotoluene	12.996	91	960712	55.875	ug/l	100
83) tert-Butylbenzene	13.208	119	986300	56.846	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1084337	55.329	ug/l	100
85) sec-Butylbenzene	13.390	105	1445245	55.301	ug/l	99
86) p-Isopropyltoluene	13.502	119	1180810	55.277	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	598015	55.024	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	590414	53.900	ug/l	99
89) n-Butylbenzene	13.826	91	1112680	54.679	ug/l	98
90) Hexachloroethane	14.096	117	232650	53.201	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	523030	54.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	39186	59.779	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	337749	56.843	ug/l	98
94) Hexachlorobutadiene	15.249	225	175932	52.861	ug/l	99
95) Naphthalene	15.384	128	651952	56.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	290253	55.970	ug/l	99

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

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