

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072659.D
 Acq On : 20 Apr 2022 20:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 01:56:50 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	335188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	584178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	553646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	283282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	219662	54.174	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.340%			
35) Dibromofluoromethane	7.908	113	233562	51.447	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.900%			
50) Toluene-d8	10.332	98	784937	49.740	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.620	95	313661	50.893	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	101430	38.129	ug/l	94
3) Chloromethane	2.209	50	112319	45.649	ug/l	93
4) Vinyl Chloride	2.344	62	111781	39.724	ug/l	97
5) Bromomethane	2.756	94	82535	43.531	ug/l	96
6) Chloroethane	2.914	64	81774	45.123	ug/l	99
7) Trichlorofluoromethane	3.267	101	256011	44.338	ug/l	95
8) Diethyl Ether	3.709	74	79971	46.606	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	166717	43.294	ug/l	95
10) Methyl Iodide	4.303	142	128580	36.880	ug/l	98
11) Tert butyl alcohol	5.203	59	93080	434.694	ug/l #	93
12) 1,1-Dichloroethene	4.061	96	138250	45.921	ug/l	90
13) Acrolein	3.926	56	17146	180.442	ug/l	98
14) Allyl chloride	4.714	41	224763	42.684	ug/l #	93
15) Acrylonitrile	5.414	53	208631	243.125	ug/l	98
16) Acetone	4.156	43	148536	196.456	ug/l	96
17) Carbon Disulfide	4.403	76	263044	41.043	ug/l	97
18) Methyl Acetate	4.720	43	93741	44.009	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	432901	49.265	ug/l	97
20) Methylene Chloride	4.956	84	209586	46.563	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	162502	44.310	ug/l	88
22) Diisopropyl ether	6.361	45	579126	47.878	ug/l	93
23) Vinyl Acetate	6.303	43	1524857	234.776	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	343500	47.127	ug/l	100
25) 2-Butanone	7.208	43	248039	237.205	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	283954	43.861	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	212866	46.568	ug/l	91
28) Bromochloromethane	7.538	49	183972	58.908	ug/l #	79
29) Tetrahydrofuran	7.555	42	157910	250.127	ug/l #	87
30) Chloroform	7.702	83	380723	46.435	ug/l	99
31) Cyclohexane	7.979	56	240880	45.433	ug/l	86
32) 1,1,1-Trichloroethane	7.897	97	323661	46.542	ug/l	95
36) 1,1-Dichloropropene	8.108	75	237686	41.172	ug/l	97
37) Ethyl Acetate	7.291	43	112914	46.939	ug/l #	92
38) Carbon Tetrachloride	8.091	117	268547	42.937	ug/l	99
39) Methylcyclohexane	9.349	83	290927	43.458	ug/l	97
40) Benzene	8.344	78	718731	45.331	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	57484	41.191	ug/l #	72
42) 1,2-Dichloroethane	8.420	62	219420	45.277	ug/l	94
43) Isopropyl Acetate	8.444	43	224593	48.673	ug/l #	92
44) Trichloroethene	9.108	130	200965	44.647	ug/l	97
45) 1,2-Dichloropropane	9.379	63	201444	45.674	ug/l	97
46) Dibromomethane	9.467	93	106886	46.192	ug/l	96
47) Bromodichloromethane	9.655	83	301078	45.290	ug/l	99
48) Methyl methacrylate	9.449	41	113339	50.593	ug/l	91
49) 1,4-Dioxane	9.455	88	27342	993.322	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	604352	244.091	ug/l	93
52) Toluene	10.396	92	484278	45.977	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	257023	44.368	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	304796	44.502	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	167516	47.752	ug/l	97
56) Ethyl methacrylate	10.655	69	195517	45.439	ug/l	86
57) 1,3-Dichloropropane	10.938	76	264087	45.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	488307	281.943	ug/l	95
59) 2-Hexanone	10.973	43	407170	241.833	ug/l	94
60) Dibromochloromethane	11.132	129	201458	44.519	ug/l	100
61) 1,2-Dibromoethane	11.238	107	146778	47.124	ug/l	96
64) Tetrachloroethene	10.867	164	152307	42.105	ug/l	93
65) Chlorobenzene	11.661	112	539799	43.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	218085	44.068	ug/l	98
67) Ethyl Benzene	11.738	91	940656	43.552	ug/l	99
68) m/p-Xylenes	11.843	106	725566	88.548	ug/l	99
69) o-Xylene	12.167	106	345036	43.643	ug/l	98
70) Styrene	12.185	104	624527	44.822	ug/l	97
71) Bromoform	12.349	173	120136	45.793	ug/l #	100
73) Isopropylbenzene	12.467	105	953494	41.677	ug/l	99
74) N-amyl acetate	12.279	43	212775	44.325	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	181948	41.987	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	130077m	42.101	ug/l	
77) Bromobenzene	12.749	156	214008	41.734	ug/l	96
78) n-propylbenzene	12.808	91	1143573	41.435	ug/l	98
79) 2-Chlorotoluene	12.896	91	682021	42.255	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	812559	41.470	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	55090	43.753	ug/l	89
82) 4-Chlorotoluene	12.990	91	700679	41.682	ug/l	99
83) tert-Butylbenzene	13.208	119	713405	42.057	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	808123	42.177	ug/l	99
85) sec-Butylbenzene	13.390	105	1052703	41.201	ug/l	100
86) p-Isopropyltoluene	13.502	119	865254	41.430	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	441957	41.594	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	430288	40.179	ug/l	100
89) n-Butylbenzene	13.826	91	801623	40.293	ug/l	99
90) Hexachloroethane	14.096	117	176456	41.273	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	387282	41.324	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	28572	44.583	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	232703	40.058	ug/l	99
94) Hexachlorobutadiene	15.249	225	136145	41.841	ug/l	96
95) Naphthalene	15.379	128	454930	40.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	210713	41.560	ug/l	100

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

