

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072639.D
 Acq On : 20 Apr 2022 11:25
 Operator : VA/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

04/21/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 20 14:47:02 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	357531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	573799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	275820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210928	48.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.540%
35) Dibromofluoromethane	7.908	113	237828	53.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.660%
50) Toluene-d8	10.332	98	788853	50.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.620	95	310723	51.328	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.660%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	134986	47.572	ug/l 92
3) Chloromethane	2.209	50	140188	53.415	ug/l 95
4) Vinyl Chloride	2.350	62	151041	50.069	ug/l 99
5) Bromomethane	2.767	94	109527	54.157	ug/l 99
6) Chloroethane	2.920	64	108246	55.998	ug/l 92
7) Trichlorofluoromethane	3.273	101	335326	54.446	ug/l 97
8) Diethyl Ether	3.709	74	100132	54.709	ug/l 85
9) 1,1,2-Trichlorotrifluo...	4.091	101	220733	53.739	ug/l 95
10) Methyl Iodide	4.297	142	183539	48.092	ug/l 99
11) Tert butyl alcohol	5.209	59	88942	389.412	ug/l # 94
12) 1,1-Dichloroethene	4.067	96	178987	55.737	ug/l 91
13) Acrolein	3.926	56	15392	151.861	ug/l 92
14) Allyl chloride	4.714	41	285899	50.684	ug/l # 92
15) Acrylonitrile	5.414	53	240680	262.945	ug/l 98
16) Acetone	4.150	43	223020	276.536	ug/l 95
17) Carbon Disulfide	4.409	76	345123	49.651	ug/l 100
18) Methyl Acetate	4.714	43	104531	46.008	ug/l # 89
19) Methyl tert-butyl Ether	5.473	73	509043	54.310	ug/l 98
20) Methylene Chloride	4.967	84	252407	52.572	ug/l # 83
21) trans-1,2-Dichloroethene	5.467	96	203200	51.815	ug/l 89
22) Diisopropyl ether	6.361	45	707933	54.870	ug/l # 91
23) Vinyl Acetate	6.303	43	1838389	264.541	ug/l # 92
24) 1,1-Dichloroethane	6.261	63	423378	54.456	ug/l 97
25) 2-Butanone	7.208	43	301227	270.067	ug/l # 85
26) 2,2-Dichloropropane	7.203	77	386424	55.958	ug/l 96
27) cis-1,2-Dichloroethene	7.203	96	264638	54.277	ug/l 92
28) Bromochloromethane	7.544	49	180546	54.198	ug/l # 80
29) Tetrahydrofuran	7.555	42	175733	260.963	ug/l # 88
30) Chloroform	7.702	83	465988	53.282	ug/l 96
31) Cyclohexane	7.985	56	302600	53.507	ug/l 87
32) 1,1,1-Trichloroethane	7.902	97	412390	55.595	ug/l 95
36) 1,1-Dichloropropene	8.108	75	301064	52.768	ug/l 94
37) Ethyl Acetate	7.285	43	130097	55.060	ug/l # 96
38) Carbon Tetrachloride	8.091	117	350529	57.059	ug/l 99
39) Methylcyclohexane	9.349	83	343332	51.634	ug/l 96
40) Benzene	8.344	78	900324	57.812	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	77817	56.143	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	261070	54.846	ug/l	95
43) Isopropyl Acetate	8.444	43	251725	55.540	ug/l #	92
44) Trichloroethene	9.108	130	253294	57.290	ug/l	95
45) 1,2-Dichloropropane	9.379	63	245171	56.593	ug/l	99
46) Dibromomethane	9.473	93	129614	57.027	ug/l	98
47) Bromodichloromethane	9.655	83	361411	55.349	ug/l	99
48) Methyl methacrylate	9.449	41	124220	56.453	ug/l #	86
49) 1,4-Dioxane	9.455	88	30685	1134.936	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	678011	278.795	ug/l	91
52) Toluene	10.396	92	593685	57.384	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	321144	56.440	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	386006	57.378	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	194767	56.524	ug/l	97
56) Ethyl methacrylate	10.655	69	222597	52.479	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	315878	55.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	487370	286.492	ug/l	94
59) 2-Hexanone	10.973	43	475226	287.360	ug/l	92
60) Dibromochloromethane	11.132	129	245595	55.255	ug/l	100
61) 1,2-Dibromoethane	11.238	107	174277	56.965	ug/l	99
64) Tetrachloroethene	10.867	164	195393	55.105	ug/l	95
65) Chlorobenzene	11.661	112	661105	54.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	267147	55.071	ug/l	98
67) Ethyl Benzene	11.738	91	1182340	55.845	ug/l	98
68) m/p-Xylenes	11.843	106	912343	113.587	ug/l	98
69) o-Xylene	12.173	106	430134	55.503	ug/l	98
70) Styrene	12.185	104	761178	55.731	ug/l	97
71) Bromoform	12.349	173	136316	53.008	ug/l #	99
73) Isopropylbenzene	12.467	105	1205650	54.125	ug/l	99
74) N-amyl acetate	12.279	43	244739	52.364	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	212634	50.396	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	156781m	52.117	ug/l	
77) Bromobenzene	12.749	156	268292	53.736	ug/l	91
78) n-propylbenzene	12.808	91	1454415	54.123	ug/l	98
79) 2-Chlorotoluene	12.896	91	829649	52.792	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1017799	53.350	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	67560	55.108	ug/l	87
82) 4-Chlorotoluene	12.990	91	873925	53.395	ug/l	100
83) tert-Butylbenzene	13.208	119	899521	54.464	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1000893	53.651	ug/l	100
85) sec-Butylbenzene	13.390	105	1334081	53.626	ug/l	99
86) p-Isopropyltoluene	13.502	119	1092202	53.712	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	547189	52.891	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	545065	52.273	ug/l	99
89) n-Butylbenzene	13.826	91	1044005	53.895	ug/l	99
90) Hexachloroethane	14.096	117	215304	51.721	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	474619	52.014	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	33798	54.164	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	299456	52.944	ug/l	99
94) Hexachlorobutadiene	15.249	225	169323	53.445	ug/l	98
95) Naphthalene	15.379	128	542684	49.379	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	261624	52.998	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

