

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072396.D
 Acq On : 23 Mar 2022 20:57
 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 :Mahesh Dadoda 03/24/2022
 Supervised By :Semsettin Yesilyurt 03/24/2022

Quant Time: Mar 24 00:56:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	425435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	701750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	659377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	322280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	228684	48.233	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.460%		
35) Dibromofluoromethane	7.914	113	223338	45.226	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.460%		
50) Toluene-d8	10.332	98	814117	45.086	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.180%		
62) 4-Bromofluorobenzene	12.626	95	316629	45.129	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	170588	43.352	ug/l	99
3) Chloromethane	2.209	50	205264	58.703	ug/l	100
4) Vinyl Chloride	2.350	62	195876	58.033	ug/l	98
5) Bromomethane	2.762	94	128823	58.613	ug/l	98
6) Chloroethane	2.915	64	132036	59.167	ug/l	97
7) Trichlorofluoromethane	3.273	101	365671	47.974	ug/l	99
8) Diethyl Ether	3.709	74	116421	55.302	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	241051	49.597	ug/l	97
10) Methyl Iodide	4.297	142	201663	46.478	ug/l	98
11) Tert butyl alcohol	5.220	59	70606	256.840	ug/l #	89
12) 1,1-Dichloroethene	4.067	96	204264	52.241	ug/l	92
13) Acrolein	3.920	56	51604	210.370	ug/l	97
14) Allyl chloride	4.714	41	381201	55.761	ug/l	94
15) Acrylonitrile	5.414	53	302359	284.647	ug/l	98
16) Acetone	4.156	43	221448	215.120	ug/l	95
17) Carbon Disulfide	4.409	76	445248	48.860	ug/l	98
18) Methyl Acetate	4.720	43	138965	55.086	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	590190	55.534	ug/l	99
20) Methylene Chloride	4.962	84	265644	52.452	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	232563	53.775	ug/l	97
22) Diisopropyl ether	6.361	45	887608	56.923	ug/l	93
23) Vinyl Acetate	6.303	43	2340037	294.049	ug/l	97
24) 1,1-Dichloroethane	6.267	63	499155	54.279	ug/l	99
25) 2-Butanone	7.208	43	364536	265.593	ug/l	96
26) 2,2-Dichloropropane	7.208	77	395223	47.632	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	295262	53.476	ug/l	96
28) Bromochloromethane	7.544	49	216808	58.562	ug/l	90
29) Tetrahydrofuran	7.561	42	235492	291.787	ug/l	96
30) Chloroform	7.708	83	516646	52.735	ug/l	99
31) Cyclohexane	7.979	56	388983	52.512	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	439669	50.529	ug/l	98
36) 1,1-Dichloropropene	8.108	75	353532	51.032	ug/l	98
37) Ethyl Acetate	7.291	43	170040	56.033	ug/l	97
38) Carbon Tetrachloride	8.097	117	372879	47.351	ug/l	98
39) Methylcyclohexane	9.350	83	414368	53.153	ug/l	99
40) Benzene	8.350	78	1040019	52.622	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	114063	64.487	ug/l	97
42) 1,2-Dichloroethane	8.420	62	316125	52.727	ug/l	98
43) Isopropyl Acetate	8.450	43	335812	57.013	ug/l	98
44) Trichloroethene	9.108	130	277811	50.070	ug/l	94
45) 1,2-Dichloropropane	9.385	63	284142	52.422	ug/l	94
46) Dibromomethane	9.473	93	143160	53.692	ug/l	95
47) Bromodichloromethane	9.655	83	394733	50.783	ug/l	99
48) Methyl methacrylate	9.450	41	152845	54.346	ug/l	86
49) 1,4-Dioxane	9.455	88	35020	1095.285	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	861121	278.354	ug/l	96
52) Toluene	10.397	92	674210	51.841	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	359359	50.602	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	428160	52.154	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	236255	58.167	ug/l	98
56) Ethyl methacrylate	10.655	69	298341	62.711	ug/l	94
57) 1,3-Dichloropropane	10.938	76	361514	53.033	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	1072233	501.260	ug/l	97
59) 2-Hexanone	10.979	43	637407	298.318	ug/l	98
60) Dibromochloromethane	11.132	129	264505	50.186	ug/l	99
61) 1,2-Dibromoethane	11.238	107	191435	52.159	ug/l	97
64) Tetrachloroethene	10.873	164	224738	48.374	ug/l	98
65) Chlorobenzene	11.661	112	739808	50.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	280631	48.547	ug/l	98
67) Ethyl Benzene	11.738	91	1326159	50.794	ug/l	99
68) m/p-Xylenes	11.843	106	997147	100.581	ug/l	100
69) o-Xylene	12.173	106	492251	51.910	ug/l	96
70) Styrene	12.185	104	850846	51.383	ug/l	98
71) Bromoform	12.349	173	149729	48.490	ug/l #	99
73) Isopropylbenzene	12.473	105	1331193	52.124	ug/l	100
74) N-amyl acetate	12.279	43	365133	66.529	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	245627	53.776	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	187672m	52.791	ug/l	
77) Bromobenzene	12.749	156	296898	51.650	ug/l	95
78) n-propylbenzene	12.808	91	1613366	52.009	ug/l	99
79) 2-Chlorotoluene	12.896	91	919735	51.274	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1103112	50.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	73381	51.214	ug/l	92
82) 4-Chlorotoluene	12.996	91	944214	50.837	ug/l	100
83) tert-Butylbenzene	13.214	119	978509	50.869	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1079608	49.939	ug/l	99
85) sec-Butylbenzene	13.390	105	1453238	50.308	ug/l	99
86) p-Isopropyltoluene	13.502	119	1195257	50.284	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	588424	48.844	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	579433	48.504	ug/l	100
89) n-Butylbenzene	13.832	91	1129574	49.855	ug/l	98
90) Hexachloroethane	14.096	117	222729	47.808	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	516590	49.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	37229	51.072	ug/l	88
93) 1,2,4-Trichlorobenzene	15.149	180	335041	48.180	ug/l	99
94) Hexachlorobutadiene	15.249	225	177540	43.891	ug/l	98
95) Naphthalene	15.384	128	632465	52.762	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	285343	47.405	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072322\
 Data File : VD072396.D
 Acq On : 23 Mar 2022 20:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
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