

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072483.D
 Acq On : 30 Mar 2022 17:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 31 03:10:04 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	401140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	652428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	599878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	312488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220805	45.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.000%
35) Dibromofluoromethane	7.908	113	237506	46.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.680%
50) Toluene-d8	10.332	98	819537	46.500	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.626	95	321165	46.659	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	166491	52.297	ug/l	99
3) Chloromethane	2.209	50	154696	52.535	ug/l	99
4) Vinyl Chloride	2.350	62	171630	50.696	ug/l	99
5) Bromomethane	2.767	94	118100	52.047	ug/l	97
6) Chloroethane	2.920	64	118244	54.520	ug/l	95
7) Trichlorofluoromethane	3.273	101	371181	53.716	ug/l	95
8) Diethyl Ether	3.709	74	105500	51.375	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.097	101	240847	52.262	ug/l	96
10) Methyl Iodide	4.297	142	212859	49.585	ug/l	100
11) Tert butyl alcohol	5.214	59	59748	233.154	ug/l	96
12) 1,1-Dichloroethene	4.067	96	190477	52.867	ug/l	87
13) Acrolein	3.926	56	13870	121.968	ug/l	95
14) Allyl chloride	4.714	41	295935	46.847	ug/l #	90
15) Acrylonitrile	5.420	53	251358	244.757	ug/l	98
16) Acetone	4.150	43	230018	254.207	ug/l	90
17) Carbon Disulfide	4.409	76	403550	51.592	ug/l	99
18) Methyl Acetate	4.720	43	108214	42.451	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	531311	50.523	ug/l	97
20) Methylene Chloride	4.967	84	255470	47.425	ug/l #	81
21) trans-1,2-Dichloroethene	5.467	96	228086	51.837	ug/l	85
22) Diisopropyl ether	6.367	45	742270	51.277	ug/l #	88
23) Vinyl Acetate	6.303	43	1911582	245.630	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	441355	50.597	ug/l	98
25) 2-Butanone	7.208	43	313957	250.880	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	394387	50.903	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	285554	52.199	ug/l	90
28) Bromochloromethane	7.538	49	187446	50.152	ug/l #	79
29) Tetrahydrofuran	7.561	42	182873	242.043	ug/l #	84
30) Chloroform	7.702	83	500604	51.018	ug/l	100
31) Cyclohexane	7.979	56	340452	53.656	ug/l	88
32) 1,1,1-Trichloroethane	7.902	97	439227	52.776	ug/l	96
36) 1,1-Dichloropropene	8.108	75	332594	51.301	ug/l	96
37) Ethyl Acetate	7.285	43	131270	48.861	ug/l #	92
38) Carbon Tetrachloride	8.097	117	380789	54.514	ug/l	100
39) Methylcyclohexane	9.355	83	375767	49.809	ug/l	92
40) Benzene	8.350	78	977697	55.214	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	68710	43.969	ug/l #	76
42) 1,2-Dichloroethane	8.420	62	290168	53.612	ug/l	95
43) Isopropyl Acetate	8.450	43	261003	50.647	ug/l #	89
44) Trichloroethene	9.108	130	270758	53.859	ug/l	93
45) 1,2-Dichloropropane	9.385	63	261684	53.125	ug/l	95
46) Dibromomethane	9.467	93	139381	53.933	ug/l	96
47) Bromodichloromethane	9.655	83	393427	52.991	ug/l	95
48) Methyl methacrylate	9.449	41	133135	53.213	ug/l #	89
49) 1,4-Dioxane	9.449	88	31987	1040.509	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	704355	254.722	ug/l	91
52) Toluene	10.396	92	658569	55.984	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	349022	53.947	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	409554	53.541	ug/l #	86
55) 1,1,2-Trichloroethane	10.796	97	205434	52.435	ug/l	98
56) Ethyl methacrylate	10.655	69	238651	49.551	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	345810	53.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	487453	252.007	ug/l	93
59) 2-Hexanone	10.979	43	508634	270.494	ug/l	91
60) Dibromochloromethane	11.132	129	267129	52.856	ug/l	99
61) 1,2-Dibromoethane	11.238	107	188383	54.155	ug/l	99
64) Tetrachloroethene	10.873	164	221329	56.471	ug/l	94
65) Chlorobenzene	11.667	112	727136	54.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	279011	52.035	ug/l	98
67) Ethyl Benzene	11.738	91	1305343	55.779	ug/l	99
68) m/p-Xylenes	11.843	106	1006324	113.347	ug/l	98
69) o-Xylene	12.173	106	476581	55.636	ug/l	97
70) Styrene	12.185	104	842487	55.805	ug/l	97
71) Bromoform	12.355	173	147848	52.012	ug/l #	100
73) Isopropylbenzene	12.473	105	1320579	52.328	ug/l	99
74) N-amyl acetate	12.279	43	260551	49.205	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	233543	48.857	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	156980m	46.060	ug/l	
77) Bromobenzene	12.749	156	292435	51.698	ug/l	92
78) n-propylbenzene	12.814	91	1613362	52.993	ug/l	98
79) 2-Chlorotoluene	12.896	91	923005	51.841	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	1128669	52.219	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	69111	49.758	ug/l	92
82) 4-Chlorotoluene	12.996	91	960000	51.771	ug/l	99
83) tert-Butylbenzene	13.214	119	967900	51.727	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1112726	52.647	ug/l	100
85) sec-Butylbenzene	13.390	105	1479813	52.504	ug/l	99
86) p-Isopropyltoluene	13.508	119	1218585	52.895	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	602476	51.401	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	601098	50.883	ug/l	100
89) n-Butylbenzene	13.832	91	1164794	53.075	ug/l	99
90) Hexachloroethane	14.102	117	238855	50.646	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	529412	51.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34718	49.109	ug/l	87
93) 1,2,4-Trichlorobenzene	15.149	180	334630	52.221	ug/l	100
94) Hexachlorobutadiene	15.255	225	187124	52.133	ug/l	98
95) Naphthalene	15.384	128	617738	49.613	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	293413	52.463	ug/l	99

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

