

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072478.D
 Acq On : 30 Mar 2022 14:48
 Operator : VA/SY
 Sample : VD0330SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0330SBS02

Quant Time: Mar 31 03:08:47 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	345253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	586576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237597	56.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.780%	
35) Dibromofluoromethane	7.908	113	247298	54.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.332	98	893858	56.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.820%	
62) 4-Bromofluorobenzene	12.620	95	341566	55.194	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	56597	20.655	ug/l	98
3) Chloromethane	2.209	50	43650	17.223	ug/l	99
4) Vinyl Chloride	2.350	62	49501	17.620	ug/l	98
5) Bromomethane	2.756	94	37718	19.313	ug/l	96
6) Chloroethane	2.915	64	36567	19.590	ug/l	92
7) Trichlorofluoromethane	3.273	101	121492	20.428	ug/l	98
8) Diethyl Ether	3.709	74	34545	19.546	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.103	101	84763	21.370	ug/l	97
10) Methyl Iodide	4.297	142	54472	17.365	ug/l	98
11) Tert butyl alcohol	5.232	59	25133	113.952	ug/l #	90
12) 1,1-Dichloroethene	4.073	96	59435	19.166	ug/l	84
13) Acrolein	3.920	56	13164	134.498	ug/l	96
14) Allyl chloride	4.720	41	94820	18.147	ug/l #	92
15) Acrylonitrile	5.420	53	96807	109.524	ug/l	96
16) Acetone	4.162	43	76689	98.473	ug/l #	83
17) Carbon Disulfide	4.403	76	82334	14.996	ug/l	96
18) Methyl Acetate	4.714	43	54778	24.967	ug/l #	85
19) Methyl tert-butyl Ether	5.479	73	191857	21.197	ug/l	93
20) Methylene Chloride	4.961	84	97082	20.940	ug/l #	81
21) trans-1,2-Dichloroethene	5.479	96	67136	18.224	ug/l	89
22) Diisopropyl ether	6.361	45	267075	21.436	ug/l	96
23) Vinyl Acetate	6.308	43	595754m	92.955	ug/l	
24) 1,1-Dichloroethane	6.261	63	159360	21.226	ug/l #	94
25) 2-Butanone	7.208	43	117846	109.413	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	140518	21.072	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	97539	20.716	ug/l	90
28) Bromochloromethane	7.538	49	58043	18.043	ug/l #	74
29) Tetrahydrofuran	7.567	42	68515	105.363	ug/l	91
30) Chloroform	7.702	83	188935	22.372	ug/l	97
31) Cyclohexane	7.985	56	96541	17.678	ug/l #	83
32) 1,1,1-Trichloroethane	7.897	97	155043	21.645	ug/l	96
36) 1,1-Dichloropropene	8.114	75	101273	18.118	ug/l	95
37) Ethyl Acetate	7.291	43	48349	20.017	ug/l #	86
38) Carbon Tetrachloride	8.091	117	130690	20.810	ug/l	97
39) Methylcyclohexane	9.349	83	97314	16.395	ug/l	99
40) Benzene	8.344	78	317814	19.963	ug/l	98

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41) Methacrylonitrile	7.514	41	29514	21.873	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	103936	21.359	ug/l	97
43) Isopropyl Acetate	8.444	43	99744	21.528	ug/l #	90
44) Trichloroethene	9.108	130	92193	20.398	ug/l	90
45) 1,2-Dichloropropane	9.379	63	94681	21.379	ug/l	98
46) Dibromomethane	9.467	93	50330	21.662	ug/l	98
47) Bromodichloromethane	9.655	83	144572	21.659	ug/l	98
48) Methyl methacrylate	9.449	41	47055	20.919	ug/l #	88
49) 1,4-Dioxane	9.461	88	11737	424.657	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	275109	110.659	ug/l	90
52) Toluene	10.396	92	213437	20.181	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	121680	20.919	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	143081	20.805	ug/l #	84
55) 1,1,2-Trichloroethane	10.796	97	81606	23.167	ug/l	95
56) Ethyl methacrylate	10.655	69	85915	20.555	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	128118	22.001	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	164615	94.658	ug/l	94
59) 2-Hexanone	10.979	43	181762	107.514	ug/l	94
60) Dibromochloromethane	11.132	129	101714	22.385	ug/l	98
61) 1,2-Dibromoethane	11.238	107	68501	21.903	ug/l	97
64) Tetrachloroethene	10.867	164	71118	19.502	ug/l	95
65) Chlorobenzene	11.661	112	256615	20.564	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	108376	21.723	ug/l	99
67) Ethyl Benzene	11.738	91	435755	20.013	ug/l	95
68) m/p-Xylenes	11.843	106	334797	40.529	ug/l	100
69) o-Xylene	12.173	106	164598	20.652	ug/l	97
70) Styrene	12.185	104	295464	21.034	ug/l	97
71) Bromoform	12.355	173	59621	22.543	ug/l #	99
73) Isopropylbenzene	12.473	105	462054	19.885	ug/l	99
74) N-amyl acetate	12.279	43	97308	19.958	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	97464	22.144	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	59267m	18.886	ug/l	
77) Bromobenzene	12.749	156	108762	20.883	ug/l	94
78) n-propylbenzene	12.814	91	574152	20.482	ug/l	100
79) 2-Chlorotoluene	12.896	91	338370	20.640	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	412581	20.732	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	26706	20.883	ug/l	88
82) 4-Chlorotoluene	12.996	91	350375	20.521	ug/l	99
83) tert-Butylbenzene	13.214	119	355441	20.631	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	412706	21.207	ug/l	99
85) sec-Butylbenzene	13.390	105	540287	20.819	ug/l	100
86) p-Isopropyltoluene	13.502	119	436864	20.595	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	231427	21.444	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	228520	21.009	ug/l	99
89) n-Butylbenzene	13.832	91	415323	20.554	ug/l	99
90) Hexachloroethane	14.096	117	91973	21.180	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	202666	21.291	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	14861	22.831	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	121922	20.664	ug/l	99
94) Hexachlorobutadiene	15.255	225	72385	21.902	ug/l	99
95) Naphthalene	15.384	128	225524	19.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	111171	21.589	ug/l	98

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

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