

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072472.D
 Acq On : 30 Mar 2022 11:59
 Operator : VA/SY
 Sample : VD0330SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0330SBS01

Quant Time: Mar 31 03:07:02 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	7.979	168	415927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	686315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	631613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	320901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232340	46.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.360%		
35) Dibromofluoromethane	7.914	113	246465	46.210	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.420%		
50) Toluene-d8	10.332	98	860255	46.400	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.800%		
62) 4-Bromofluorobenzene	12.620	95	337735	46.644	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	59507	18.027	ug/l	98
3) Chloromethane	2.209	50	49077	16.074	ug/l	97
4) Vinyl Chloride	2.350	62	54017	16.050	ug/l	99
5) Bromomethane	2.762	94	39902	16.960	ug/l	97
6) Chloroethane	2.915	64	37314	16.593	ug/l	98
7) Trichlorofluoromethane	3.273	101	131470	18.349	ug/l	97
8) Diethyl Ether	3.703	74	36064	16.938	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	90869	19.017	ug/l	96
10) Methyl Iodide	4.303	142	61615	16.532	ug/l	98
11) Tert butyl alcohol	5.220	59	25659	96.569	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	60603	16.222	ug/l	90
13) Acrolein	3.920	56	13542	114.850	ug/l	92
14) Allyl chloride	4.709	41	102846	16.451	ug/l	89
15) Acrylonitrile	5.420	53	98678	92.671	ug/l	97
16) Acetone	4.162	43	88008	93.805	ug/l	97
17) Carbon Disulfide	4.409	76	84886	13.357	ug/l	96
18) Methyl Acetate	4.714	43	53772	20.344	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	193660	17.761	ug/l	99
20) Methylene Chloride	4.967	84	101517	18.176	ug/l #	83
21) trans-1,2-Dichloroethene	5.473	96	68847	15.625	ug/l	86
22) Diisopropyl ether	6.361	45	276660	18.432	ug/l #	90
23) Vinyl Acetate	6.303	43	617562	80.862	ug/l #	91
24) 1,1-Dichloroethane	6.267	63	168174	18.594	ug/l	99
25) 2-Butanone	7.208	43	121065	93.302	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	146239	18.204	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	101581	17.909	ug/l	91
28) Bromochloromethane	7.544	49	64967	16.764	ug/l #	80
29) Tetrahydrofuran	7.555	42	69177	88.305	ug/l	92
30) Chloroform	7.708	83	191928	18.864	ug/l	98
31) Cyclohexane	7.985	56	103468	15.727	ug/l #	80
32) 1,1,1-Trichloroethane	7.902	97	164004	19.006	ug/l	96
36) 1,1-Dichloropropene	8.108	75	104976	16.179	ug/l	96
37) Ethyl Acetate	7.291	43	50877	18.002	ug/l #	93
38) Carbon Tetrachloride	8.097	117	136422	18.566	ug/l	96
39) Methylcyclohexane	9.349	83	109113	15.832	ug/l	96
40) Benzene	8.350	78	334487	17.957	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	27155m	17.554	ug/l	
42) 1,2-Dichloroethane	8.420	62	106873	18.771	ug/l	96
43) Isopropyl Acetate	8.450	43	97861	18.052	ug/l #	89
44) Trichloroethene	9.108	130	92634	17.517	ug/l	94
45) 1,2-Dichloropropane	9.385	63	100123	19.323	ug/l	91
46) Dibromomethane	9.467	93	49040	18.039	ug/l	95
47) Bromodichloromethane	9.655	83	151040	19.339	ug/l	97
48) Methyl methacrylate	9.449	41	48049	18.256	ug/l #	89
49) 1,4-Dioxane	9.455	88	12580	389.011	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	273082	93.881	ug/l	91
52) Toluene	10.396	92	229050	18.510	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	127730	18.768	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	148771	18.489	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	82988	20.136	ug/l	92
56) Ethyl methacrylate	10.655	69	84738	17.514	ug/l #	81
57) 1,3-Dichloropropane	10.944	76	129971	19.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	175855	86.426	ug/l	94
59) 2-Hexanone	10.979	43	186710	94.391	ug/l	92
60) Dibromochloromethane	11.132	129	105182	19.785	ug/l	95
61) 1,2-Dibromoethane	11.238	107	67809	18.531	ug/l	99
64) Tetrachloroethene	10.873	164	75954	18.405	ug/l	95
65) Chlorobenzene	11.661	112	268172	18.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	113086	20.030	ug/l	99
67) Ethyl Benzene	11.738	91	450939	18.301	ug/l	96
68) m/p-Xylenes	11.843	106	345337	36.943	ug/l	98
69) o-Xylene	12.173	106	166254	18.433	ug/l	99
70) Styrene	12.185	104	301781	18.985	ug/l	98
71) Bromoform	12.349	173	58818	19.652	ug/l #	95
73) Isopropylbenzene	12.473	105	478405	18.460	ug/l	99
74) N-amyl acetate	12.279	43	97853	17.995	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	93018	18.949	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	70300m	20.086	ug/l	
77) Bromobenzene	12.755	156	111602	19.212	ug/l	92
78) n-propylbenzene	12.814	91	599936	19.189	ug/l	99
79) 2-Chlorotoluene	12.896	91	346880	18.972	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	433321	19.523	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	26596	18.646	ug/l	86
82) 4-Chlorotoluene	12.996	91	364438	19.138	ug/l	99
83) tert-Butylbenzene	13.214	119	367411	19.121	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	427983	19.718	ug/l	99
85) sec-Butylbenzene	13.390	105	557756	19.270	ug/l	100
86) p-Isopropyltoluene	13.502	119	458997	19.401	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	230962	19.188	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	232552	19.169	ug/l	98
89) n-Butylbenzene	13.832	91	434126	19.263	ug/l	99
90) Hexachloroethane	14.102	117	93180	19.240	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	208922	19.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14518	19.998	ug/l	85
93) 1,2,4-Trichlorobenzene	15.149	180	127673	19.402	ug/l	99
94) Hexachlorobutadiene	15.249	225	76926	20.870	ug/l	98
95) Naphthalene	15.384	128	228984	17.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	115236	20.064	ug/l	96

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

