

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072473.D
 Acq On : 30 Mar 2022 12:27
 Operator : VA/SY
 Sample : VD0330SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0330SBS02

Quant Time: Mar 31 03:07:29 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	405756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	660984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	602467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	309862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242123	49.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.909	113	265209	51.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.332	98	943520	52.841	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.680%
62) 4-Bromofluorobenzene	12.626	95	360469	51.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	64788	20.119	ug/l	97
3) Chloromethane	2.209	50	51103	17.157	ug/l	94
4) Vinyl Chloride	2.350	62	56582	17.164	ug/l	100
5) Bromomethane	2.756	94	41108	17.910	ug/l	85
6) Chloroethane	2.921	64	39582	18.043	ug/l	98
7) Trichlorofluoromethane	3.268	101	140040	20.035	ug/l	94
8) Diethyl Ether	3.709	74	36262	17.458	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	95143	20.410	ug/l	97
10) Methyl Iodide	4.303	142	64074	17.377	ug/l	98
11) Tert butyl alcohol	5.220	59	25381	97.917	ug/l #	92
12) 1,1-Dichloroethene	4.062	96	65563	17.990	ug/l	86
13) Acrolein	3.921	56	12676	110.200	ug/l	96
14) Allyl chloride	4.709	41	104075	17.023	ug/l #	89
15) Acrylonitrile	5.420	53	94930	91.385	ug/l	99
16) Acetone	4.156	43	88308	96.484	ug/l	93
17) Carbon Disulfide	4.415	76	89116	14.098	ug/l	100
18) Methyl Acetate	4.715	43	53873	20.893	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	194553	18.290	ug/l	98
20) Methylene Chloride	4.962	84	105912	19.438	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	71755	16.642	ug/l	87
22) Diisopropyl ether	6.362	45	283380	19.353	ug/l #	91
23) Vinyl Acetate	6.303	43	620040	83.038	ug/l #	91
24) 1,1-Dichloroethane	6.256	63	171806	19.472	ug/l	98
25) 2-Butanone	7.209	43	120990	95.582	ug/l	91
26) 2,2-Dichloropropane	7.203	77	155573	19.851	ug/l	97
27) cis-1,2-Dichloroethene	7.215	96	102245	18.478	ug/l	93
28) Bromochloromethane	7.544	49	65289	17.270	ug/l #	80
29) Tetrahydrofuran	7.567	42	64362	84.218	ug/l #	87
30) Chloroform	7.709	83	198308	19.980	ug/l	97
31) Cyclohexane	7.979	56	108517	16.908	ug/l #	77
32) 1,1,1-Trichloroethane	7.903	97	167141	19.855	ug/l	97
36) 1,1-Dichloropropene	8.109	75	110561	17.588	ug/l	96
37) Ethyl Acetate	7.291	43	48704	17.894	ug/l #	94
38) Carbon Tetrachloride	8.091	117	140884	19.908	ug/l	99
39) Methylcyclohexane	9.350	83	112815	16.785	ug/l	97
40) Benzene	8.344	78	342603	19.098	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	29346	19.495	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	106760	19.470	ug/l	95
43) Isopropyl Acetate	8.450	43	95816	18.352	ug/l #	91
44) Trichloroethene	9.109	130	97473	19.138	ug/l	100
45) 1,2-Dichloropropane	9.379	63	100178	20.074	ug/l	97
46) Dibromomethane	9.467	93	50051	19.117	ug/l	96
47) Bromodichloromethane	9.661	83	152388	20.260	ug/l	99
48) Methyl methacrylate	9.456	41	46557	18.367	ug/l #	86
49) 1,4-Dioxane	9.456	88	12014	385.746	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	259619	92.673	ug/l	92
52) Toluene	10.397	92	230257	19.320	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	125114	19.088	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	146605	18.918	ug/l #	86
55) 1,1,2-Trichloroethane	10.797	97	80003	20.155	ug/l	90
56) Ethyl methacrylate	10.656	69	81930	17.578	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	126451	19.270	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	165522	84.465	ug/l	93
59) 2-Hexanone	10.979	43	180708	94.858	ug/l	91
60) Dibromochloromethane	11.132	129	102059	19.933	ug/l	100
61) 1,2-Dibromoethane	11.238	107	68254	19.367	ug/l	99
64) Tetrachloroethene	10.867	164	78981	20.065	ug/l	94
65) Chlorobenzene	11.661	112	272127	20.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	112302	20.854	ug/l	98
67) Ethyl Benzene	11.738	91	466436	19.846	ug/l	100
68) m/p-Xylenes	11.850	106	358509	40.207	ug/l	100
69) o-Xylene	12.173	106	171857	19.976	ug/l	98
70) Styrene	12.185	104	307093	20.254	ug/l	97
71) Bromoform	12.350	173	56078	19.643	ug/l #	93
73) Isopropylbenzene	12.473	105	503217	20.109	ug/l	99
74) N-amyl acetate	12.279	43	94351	17.969	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	93036	19.628	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	69776m	20.647	ug/l	
77) Bromobenzene	12.749	156	113464	20.229	ug/l	90
78) n-propylbenzene	12.808	91	614234	20.346	ug/l	99
79) 2-Chlorotoluene	12.897	91	356456	20.190	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	438556	20.462	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	26171	19.002	ug/l	91
82) 4-Chlorotoluene	12.997	91	368813	20.058	ug/l	98
83) tert-Butylbenzene	13.214	119	381548	20.564	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	438464	20.921	ug/l	98
85) sec-Butylbenzene	13.391	105	579316	20.728	ug/l	99
86) p-Isopropyltoluene	13.508	119	465780	20.390	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	238588	20.528	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	237637	20.286	ug/l	99
89) n-Butylbenzene	13.832	91	449006	20.633	ug/l	97
90) Hexachloroethane	14.096	117	98791	21.125	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	213218	20.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	13609	19.413	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	127733	20.102	ug/l	99
94) Hexachlorobutadiene	15.249	225	77686	21.827	ug/l	97
95) Naphthalene	15.385	128	222287	18.004	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	110360	19.900	ug/l	100

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

