

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069442.D
 Acq On : 15 Jun 2021 13:45
 Operator : VA/SY
 Sample : VD0615SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0615SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:56:12 PM

Quant Time: Jun 16 01:59:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	372619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	635279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	611843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216406	51.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.960%	
35) Dibromofluoromethane	7.914	113	233941	49.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.340%	
50) Toluene-d8	10.338	98	879045	50.511	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.626	95	281239	50.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	68137	18.354	ug/l	99
3) Chloromethane	2.209	50	69144	18.619	ug/l	98
4) Vinyl Chloride	2.350	62	83278	18.541	ug/l	99
5) Bromomethane	2.756	94	72011	20.354	ug/l	98
6) Chloroethane	2.915	64	62779	20.316	ug/l	94
7) Trichlorofluoromethane	3.273	101	131575	17.910	ug/l	99
8) Diethyl Ether	3.709	74	37399	20.278	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	84224	19.279	ug/l	98
10) Methyl Iodide	4.297	142	61811	16.130	ug/l	96
11) Tert butyl alcohol	5.215	59	28721	131.418	ug/l	95
12) 1,1-Dichloroethene	4.068	96	74520	18.857	ug/l	96
13) Acrolein	3.915	56	26180	96.090	ug/l	98
14) Allyl chloride	4.715	41	83407	17.945	ug/l	95
15) Acrylonitrile	5.420	53	72223	101.918	ug/l	99
16) Acetone	4.156	43	59788	85.925	ug/l	93
17) Carbon Disulfide	4.409	76	230976	18.069	ug/l	98
18) Methyl Acetate	4.715	43	39964	22.087	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	143214	19.877	ug/l	95
20) Methylene Chloride	4.967	84	127835	21.204	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	89092	19.255	ug/l	96
22) Diisopropyl ether	6.362	45	196530	21.266	ug/l #	92
23) Vinyl Acetate	6.309	43	486687	93.716	ug/l	98
24) 1,1-Dichloroethane	6.262	63	159972	20.794	ug/l	97
25) 2-Butanone	7.209	43	85129	98.115	ug/l	90
26) 2,2-Dichloropropane	7.203	77	133528	19.699	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	99158	19.799	ug/l	99
28) Bromochloromethane	7.544	49	56315	19.982	ug/l	97
29) Tetrahydrofuran	7.567	42	47785	97.866	ug/l	99
30) Chloroform	7.709	83	173681	20.262	ug/l	92
31) Cyclohexane	7.985	56	105300	18.434	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	150269	19.955	ug/l	99
36) 1,1-Dichloropropene	8.108	75	121536	18.372	ug/l	99
37) Ethyl Acetate	7.291	43	37632	17.004	ug/l #	85
38) Carbon Tetrachloride	8.097	117	128806	17.975	ug/l	96
39) Methylcyclohexane	9.350	83	108522	16.310	ug/l	96
40) Benzene	8.350	78	362209	18.813	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	22433	20.374	ug/l #	11
42) 1,2-Dichloroethane	8.426	62	101932	19.295	ug/l	98
43) Isopropyl Acetate	8.450	43	78253	18.699	ug/l	98
44) Trichloroethene	9.108	130	98976	18.433	ug/l	93
45) 1,2-Dichloropropane	9.385	63	93197	19.829	ug/l	100
46) Dibromomethane	9.473	93	51799	19.235	ug/l	98
47) Bromodichloromethane	9.661	83	133826	19.275	ug/l	93
48) Methyl methacrylate	9.455	41	33766	17.743	ug/l #	84
49) 1,4-Dioxane	9.461	88	9796	373.537	ug/l	91
51) 4-Methyl-2-Pentanone	10.226	43	204929	95.982	ug/l	98
52) Toluene	10.403	92	238974	19.548	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	114507	19.254	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	136863	19.144	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	73338	19.701	ug/l	94
56) Ethyl methacrylate	10.661	69	69319	18.210	ug/l	97
57) 1,3-Dichloropropane	10.944	76	118967	19.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	178319	91.284	ug/l	98
59) 2-Hexanone	10.979	43	133282	93.519	ug/l	96
60) Dibromochloromethane	11.138	129	92825	19.566	ug/l	100
61) 1,2-Dibromoethane	11.244	107	66343	18.554	ug/l	99
64) Tetrachloroethene	10.873	164	87505	18.492	ug/l	97
65) Chlorobenzene	11.667	112	262085	19.475	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	98449	19.059	ug/l	98
67) Ethyl Benzene	11.744	91	420642	18.638	ug/l	98
68) m/p-Xylenes	11.849	106	340389	37.969	ug/l	99
69) o-Xylene	12.179	106	147719	18.622	ug/l	99
70) Styrene	12.191	104	276781	19.830	ug/l	99
71) Bromoform	12.355	173	52885	19.776	ug/l #	100
73) Isopropylbenzene	12.473	105	394019	18.280	ug/l	99
74) N-amyl acetate	12.285	43	69338	17.932	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	80371	19.421	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	48709m	15.671	ug/l	
77) Bromobenzene	12.755	156	105492	19.520	ug/l	98
78) n-propylbenzene	12.814	91	494973	18.712	ug/l	100
79) 2-Chlorotoluene	12.902	91	290569	19.325	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	348886	19.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	21108	18.116	ug/l	94
82) 4-Chlorotoluene	12.996	91	313446	19.588	ug/l	99
83) tert-Butylbenzene	13.214	119	284630	18.400	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	349905	19.261	ug/l	97
85) sec-Butylbenzene	13.396	105	414400	18.222	ug/l	100
86) p-Isopropyltoluene	13.508	119	360722	18.259	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	208397	19.255	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	206951	19.196	ug/l	98
89) n-Butylbenzene	13.838	91	327177	17.802	ug/l	99
90) Hexachloroethane	14.102	117	69904	18.178	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	184489	19.538	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	11834	18.988	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	99101	18.037	ug/l	99
94) Hexachlorobutadiene	15.255	225	62546	18.205	ug/l	99
95) Naphthalene	15.390	128	160468	17.600	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	87725	18.390	ug/l	98

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

