

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069421.D
 Acq On : 14 Jun 2021 12:34
 Operator : VA/SY
 Sample : VD0614SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2021 11:38:37 AM

Quant Time: Jun 15 07:25:20 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	405194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	655483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	625291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	232051	50.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.520%	
35) Dibromofluoromethane	7.914	113	246717	50.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.500%	
50) Toluene-d8	10.337	98	936546	52.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.626	95	304606	52.868	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	75051	18.591	ug/l	99
3) Chloromethane	2.208	50	67136	16.625	ug/l	99
4) Vinyl Chloride	2.350	62	89485	18.321	ug/l	99
5) Bromomethane	2.755	94	71919	18.583	ug/l	95
6) Chloroethane	2.914	64	60794	18.092	ug/l	97
7) Trichlorofluoromethane	3.273	101	150883	18.887	ug/l	98
8) Diethyl Ether	3.714	74	35857	17.879	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	90771	19.107	ug/l	99
10) Methyl Iodide	4.297	142	76965	17.986	ug/l	98
11) Tert butyl alcohol	5.197	59	15163	63.803	ug/l	96
12) 1,1-Dichloroethene	4.073	96	77893	18.126	ug/l	97
13) Acrolein	3.920	56	27830	93.934	ug/l	93
14) Allyl chloride	4.714	41	95125	18.821	ug/l	97
15) Acrylonitrile	5.420	53	76333	99.058	ug/l	98
16) Acetone	4.161	43	71806	94.901	ug/l	93
17) Carbon Disulfide	4.408	76	252353	18.154	ug/l	99
18) Methyl Acetate	4.720	43	41931	21.211	ug/l	100
19) Methyl tert-butyl Ether	5.485	73	148025	18.893	ug/l	96
20) Methylene Chloride	4.961	84	131370	19.605	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	92374	18.359	ug/l	97
22) Diisopropyl ether	6.367	45	201298	20.031	ug/l	96
23) Vinyl Acetate	6.308	43	515711	91.770	ug/l	96
24) 1,1-Dichloroethane	6.261	63	163514	19.545	ug/l	99
25) 2-Butanone	7.208	43	92312	97.841	ug/l	99
26) 2,2-Dichloropropane	7.208	77	145753	19.774	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	104451	19.179	ug/l	97
28) Bromochloromethane	7.543	49	59820	19.519	ug/l	100
29) Tetrahydrofuran	7.561	42	50943	95.946	ug/l	97
30) Chloroform	7.708	83	179582	19.266	ug/l	100
31) Cyclohexane	7.985	56	114179	18.381	ug/l #	95
32) 1,1,1-Trichloroethane	7.908	97	159887	19.526	ug/l	98
36) 1,1-Dichloropropene	8.114	75	127001	18.607	ug/l	98
37) Ethyl Acetate	7.296	43	43565	19.078	ug/l #	95
38) Carbon Tetrachloride	8.096	117	140960	19.065	ug/l	98
39) Methylcyclohexane	9.355	83	123095	17.930	ug/l	99
40) Benzene	8.349	78	382798	19.269	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	19359	17.041	ug/l	96
42) 1,2-Dichloroethane	8.420	62	104103	19.098	ug/l	99
43) Isopropyl Acetate	8.449	43	81677	18.916	ug/l	98
44) Trichloroethene	9.114	130	103838	18.743	ug/l	93
45) 1,2-Dichloropropane	9.385	63	93085	19.195	ug/l	99
46) Dibromomethane	9.473	93	54295	19.540	ug/l	96
47) Bromodichloromethane	9.661	83	135517	18.917	ug/l #	99
48) Methyl methacrylate	9.455	41	35347	18.001	ug/l	89
49) 1,4-Dioxane	9.455	88	10401	384.382	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	210183	95.408	ug/l	98
52) Toluene	10.402	92	244708	19.400	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	116225	18.941	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	142045	19.257	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	75364	19.622	ug/l	98
56) Ethyl methacrylate	10.655	69	71589	18.224	ug/l	99
57) 1,3-Dichloropropane	10.943	76	118919	19.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.943	63	184785	91.627	ug/l	99
59) 2-Hexanone	10.984	43	145000	98.605	ug/l	93
60) Dibromochloromethane	11.137	129	94074	19.218	ug/l	98
61) 1,2-Dibromoethane	11.243	107	71494	19.378	ug/l	96
64) Tetrachloroethene	10.873	164	89298	18.466	ug/l	94
65) Chlorobenzene	11.667	112	261115	18.986	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	101740	19.273	ug/l	100
67) Ethyl Benzene	11.743	91	435144	18.866	ug/l	98
68) m/p-Xylenes	11.849	106	353398	38.572	ug/l	99
69) o-Xylene	12.179	106	152420	18.801	ug/l	99
70) Styrene	12.190	104	279062	19.564	ug/l	99
71) Bromoform	12.355	173	52629	19.257	ug/l #	98
73) Isopropylbenzene	12.473	105	416729	18.811	ug/l	100
74) N-amyl acetate	12.284	43	73742	18.555	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	82750	19.455	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	57948m	18.139	ug/l	
77) Bromobenzene	12.755	156	107662	19.383	ug/l	97
78) n-propylbenzene	12.814	91	526596	19.370	ug/l	99
79) 2-Chlorotoluene	12.902	91	296687	19.198	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	368101	19.710	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	22521	18.807	ug/l	96
82) 4-Chlorotoluene	12.996	91	322205	19.591	ug/l	100
83) tert-Butylbenzene	13.214	119	297604	18.718	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	366250	19.615	ug/l	99
85) sec-Butylbenzene	13.396	105	451697	19.326	ug/l	98
86) p-Isopropyltoluene	13.508	119	388589	19.137	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	205930	18.512	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	212860	19.210	ug/l	98
89) n-Butylbenzene	13.837	91	353814	18.731	ug/l	99
90) Hexachloroethane	14.102	117	75309	19.054	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	183182	18.875	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	12204	19.052	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	103597	18.345	ug/l	98
94) Hexachlorobutadiene	15.261	225	68439	19.382	ug/l	99
95) Naphthalene	15.390	128	167969	17.858	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	92864	18.941	ug/l	98

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

