

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069583.D
 Acq On : 06 Jul 2021 15:47
 Operator : VA/SY
 Sample : VD0706SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0706SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 6:28:38 PM

Quant Time: Jul 07 04:53:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	646125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1162867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	1088619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	499962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	415225	51.556	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.120%			
35) Dibromofluoromethane	7.914	113	393740	50.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.180%			
50) Toluene-d8	10.337	98	1530987	51.924	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.625	95	529789	54.655	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	105481	17.020	ug/l	99
3) Chloromethane	2.208	50	159875	17.636	ug/l	100
4) Vinyl Chloride	2.350	62	170882	16.910	ug/l	98
5) Bromomethane	2.750	94	107405	16.405	ug/l	97
6) Chloroethane	2.914	64	118020	17.533	ug/l	98
7) Trichlorofluoromethane	3.267	101	240795	20.065	ug/l	99
8) Diethyl Ether	3.708	74	71220	22.435	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	149957	20.430	ug/l	96
10) Methyl Iodide	4.297	142	106514	18.443	ug/l	99
11) Tert butyl alcohol	5.185	59	196269	512.835	ug/l #	83
12) 1,1-Dichloroethene	4.067	96	130637	20.475	ug/l	98
13) Acrolein	3.920	56	33903	75.630	ug/l	90
14) Allyl chloride	4.708	41	213612	23.881	ug/l	90
15) Acrylonitrile	5.420	53	160621	120.532	ug/l	98
16) Acetone	4.155	43	167250	123.378	ug/l	96
17) Carbon Disulfide	4.408	76	394864	18.797	ug/l	99
18) Methyl Acetate	4.714	43	113344	32.732	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	285658	22.781	ug/l	96
20) Methylene Chloride	4.967	84	238970	24.430	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	156434	20.322	ug/l	95
22) Diisopropyl ether	6.361	45	438786	24.344	ug/l	98
23) Vinyl Acetate	6.308	43	1063858	104.762	ug/l	98
24) 1,1-Dichloroethane	6.267	63	308081	21.579	ug/l	99
25) 2-Butanone	7.214	43	213233	123.787	ug/l	97
26) 2,2-Dichloropropane	7.208	77	260644	22.332	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	175356	20.965	ug/l	94
28) Bromochloromethane	7.549	49	117828	21.072	ug/l	95
29) Tetrahydrofuran	7.561	42	118758	125.750	ug/l	95
30) Chloroform	7.708	83	311808	20.661	ug/l	95
31) Cyclohexane	7.985	56	226918	20.926	ug/l	92
32) 1,1,1-Trichloroethane	7.902	97	262424	21.101	ug/l	97
36) 1,1-Dichloropropene	8.108	75	224350	19.658	ug/l	98
37) Ethyl Acetate	7.290	43	101398	23.942	ug/l	97
38) Carbon Tetrachloride	8.096	117	215172	19.050	ug/l	97
39) Methylcyclohexane	9.349	83	222843	19.794	ug/l	98
40) Benzene	8.349	78	681391	20.710	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	53997	21.909	ug/l	86
42) 1,2-Dichloroethane	8.426	62	191362	20.019	ug/l	100
43) Isopropyl Acetate	8.449	43	179955	23.389	ug/l	98
44) Trichloroethene	9.108	130	160195	19.295	ug/l	92
45) 1,2-Dichloropropane	9.384	63	181263	21.462	ug/l	100
46) Dibromomethane	9.479	93	89116	20.146	ug/l	97
47) Bromodichloromethane	9.661	83	236010	19.869	ug/l	97
48) Methyl methacrylate	9.455	41	79648	21.791	ug/l	98
49) 1,4-Dioxane	9.455	88	19183	440.239	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	472384	116.753	ug/l	100
52) Toluene	10.402	92	421130	20.743	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	214688	20.904	ug/l	100
54) cis-1,3-Dichloropropene	10.084	75	251964	20.402	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	129046	20.659	ug/l	97
56) Ethyl methacrylate	10.661	69	142396	20.971	ug/l	96
57) 1,3-Dichloropropane	10.943	76	224173	21.241	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.937	63	381785	105.744	ug/l	98
59) 2-Hexanone	10.979	43	317611	116.327	ug/l	99
60) Dibromochloromethane	11.137	129	148280	20.141	ug/l	99
61) 1,2-Dibromoethane	11.243	107	115575	20.067	ug/l	95
64) Tetrachloroethene	10.873	164	135176	19.773	ug/l	95
65) Chlorobenzene	11.667	112	430298	19.874	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.737	131	157549	20.015	ug/l	98
67) Ethyl Benzene	11.737	91	764280	20.207	ug/l	100
68) m/p-Xylenes	11.849	106	580725	40.778	ug/l	98
69) o-Xylene	12.178	106	258828	20.275	ug/l	97
70) Styrene	12.190	104	469306	20.871	ug/l	99
71) Bromoform	12.355	173	79476	19.923	ug/l	100
73) Isopropylbenzene	12.473	105	700854	20.346	ug/l	100
74) N-amyl acetate	12.284	43	161200	23.049	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.725	83	146556	21.182	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	106255m	21.650	ug/l	
77) Bromobenzene	12.755	156	159654	20.410	ug/l	93
78) n-propylbenzene	12.814	91	918432	21.243	ug/l	99
79) 2-Chlorotoluene	12.902	91	513996	20.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	606735	20.930	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	39519	20.106	ug/l	97
82) 4-Chlorotoluene	12.996	91	568867	21.481	ug/l	98
83) tert-Butylbenzene	13.214	119	490247	20.123	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	612042	21.238	ug/l	98
85) sec-Butylbenzene	13.396	105	754303	20.870	ug/l	99
86) p-Isopropyltoluene	13.508	119	621123	20.416	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	324255	20.240	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	320222	20.063	ug/l	99
89) n-Butylbenzene	13.831	91	615531	20.282	ug/l	100
90) Hexachloroethane	14.102	117	117258	19.717	ug/l	95
91) 1,2-Dichlorobenzene	13.878	146	280668	20.252	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	22778	21.697	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	160039	20.701	ug/l	100
94) Hexachlorobutadiene	15.255	225	93892	19.356	ug/l	99
95) Naphthalene	15.390	128	289163	20.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	139350	20.449	ug/l	98

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

