

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069362.D
 Acq On : 07 Jun 2021 12:26
 Operator : VA/SY
 Sample : VD0607SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 2:58:27 PM

Quant Time: Jun 08 04:21:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	402336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	662138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	635824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	317350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	189942	49.201	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.400%		
35) Dibromofluoromethane	7.914	113	205938	49.527	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.060%		
50) Toluene-d8	10.338	98	735718	48.658	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.320%		
62) 4-Bromofluorobenzene	12.626	95	250511	50.562	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	76421	18.045	ug/l	100
3) Chloromethane	2.209	50	70317	21.993	ug/l	100
4) Vinyl Chloride	2.344	62	70981	21.793	ug/l	98
5) Bromomethane	2.750	94	52527	22.105	ug/l	96
6) Chloroethane	2.921	64	40716	21.907	ug/l	97
7) Trichlorofluoromethane	3.268	101	153166	20.217	ug/l	98
8) Diethyl Ether	3.715	74	36651	19.691	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	88688	19.880	ug/l	99
10) Methyl Iodide	4.297	142	72693	17.667	ug/l	99
11) Tert butyl alcohol	5.220	59	31536	119.592	ug/l #	93
12) 1,1-Dichloroethene	4.062	96	80449	19.936	ug/l	92
13) Acrolein	3.921	56	18728	84.828	ug/l	94
14) Allyl chloride	4.720	41	94692	19.448	ug/l	99
15) Acrylonitrile	5.420	53	77784	107.201	ug/l	99
16) Acetone	4.156	43	66603	98.863	ug/l	98
17) Carbon Disulfide	4.409	76	253279	18.980	ug/l	98
18) Methyl Acetate	4.720	43	39386	21.604	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	151235	20.406	ug/l	97
20) Methylene Chloride	4.968	84	127493	22.088	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	94313	19.733	ug/l	93
22) Diisopropyl ether	6.362	45	199984	21.386	ug/l #	90
23) Vinyl Acetate	6.309	43	527376	95.774	ug/l	98
24) 1,1-Dichloroethane	6.262	63	162015	20.704	ug/l	98
25) 2-Butanone	7.209	43	93402	105.362	ug/l	93
26) 2,2-Dichloropropane	7.209	77	139399	19.332	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	100782	19.909	ug/l	99
28) Bromochloromethane	7.544	49	58111	21.419	ug/l	98
29) Tetrahydrofuran	7.567	42	53577	105.151	ug/l	99
30) Chloroform	7.709	83	179364	20.966	ug/l	95
31) Cyclohexane	7.985	56	115440	18.819	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	155886	20.192	ug/l	99
36) 1,1-Dichloropropene	8.108	75	126490	19.653	ug/l	99
37) Ethyl Acetate	7.285	43	45474	20.809	ug/l	97
38) Carbon Tetrachloride	8.097	117	136636	19.663	ug/l	99
39) Methylcyclohexane	9.350	83	121335	18.429	ug/l	94
40) Benzene	8.350	78	371777	19.889	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	23023	21.700	ug/l	86
42) 1,2-Dichloroethane	8.420	62	104602	20.969	ug/l	100
43) Isopropyl Acetate	8.450	43	82307	20.695	ug/l	99
44) Trichloroethene	9.108	130	105456	20.765	ug/l	96
45) 1,2-Dichloropropane	9.385	63	93552	21.021	ug/l	98
46) Dibromomethane	9.473	93	53383	20.986	ug/l	94
47) Bromodichloromethane	9.661	83	135639	20.679	ug/l	98
48) Methyl methacrylate	9.456	41	36612	19.828	ug/l	86
49) 1,4-Dioxane	9.461	88	11186	447.670	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	221326	107.743	ug/l	97
52) Toluene	10.403	92	243067	20.602	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	120007	20.486	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	140266	20.083	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	75430	21.377	ug/l	99
56) Ethyl methacrylate	10.661	69	74875	20.263	ug/l	96
57) 1,3-Dichloropropane	10.944	76	120640	21.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	193971	117.402	ug/l	99
59) 2-Hexanone	10.985	43	144072	104.919	ug/l	96
60) Dibromochloromethane	11.138	129	93236	20.971	ug/l	100
61) 1,2-Dibromoethane	11.244	107	73028	21.698	ug/l	99
64) Tetrachloroethene	10.873	164	90136	20.367	ug/l	97
65) Chlorobenzene	11.667	112	262469	20.200	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	99968	20.534	ug/l	99
67) Ethyl Benzene	11.744	91	434502	19.464	ug/l	96
68) m/p-Xylenes	11.849	106	355871	40.684	ug/l	98
69) o-Xylene	12.179	106	156647	20.248	ug/l	97
70) Styrene	12.191	104	277121	20.635	ug/l	99
71) Bromoform	12.355	173	54059	21.409	ug/l #	98
73) Isopropylbenzene	12.473	105	414076	19.065	ug/l	99
74) N-amyl acetate	12.285	43	76573	19.964	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	82867	20.438	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	72130m	26.160	ug/l	
77) Bromobenzene	12.755	156	105776	20.223	ug/l	98
78) n-propylbenzene	12.814	91	514629	19.320	ug/l	99
79) 2-Chlorotoluene	12.902	91	298706	19.727	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	361405	19.648	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	23496	18.884	ug/l	94
82) 4-Chlorotoluene	13.002	91	312008	19.587	ug/l	100
83) tert-Butylbenzene	13.220	119	292022	18.957	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	362856	19.835	ug/l	100
85) sec-Butylbenzene	13.396	105	437826	19.256	ug/l	100
86) p-Isopropyltoluene	13.508	119	380622	19.146	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	209677	19.809	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	213138	20.203	ug/l	99
89) n-Butylbenzene	13.838	91	348187	18.719	ug/l	99
90) Hexachloroethane	14.102	117	72333	19.153	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	185887	20.380	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12986	20.106	ug/l	94
93) 1,2,4-Trichlorobenzene	15.155	180	110661	20.221	ug/l	98
94) Hexachlorobutadiene	15.255	225	66881	19.465	ug/l	100
95) Naphthalene	15.390	128	178819	18.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	96395	20.013	ug/l	98

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

