

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069843.D
 Acq On : 26 Jul 2021 13:04
 Operator : VA/SY
 Sample : VD0726SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0726SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 12:14:20 PM

Quant Time: Jul 27 05:09:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	589275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1052447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	992644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	470596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	350143	51.665	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.320%			
35) Dibromofluoromethane	7.908	113	346002	52.151	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.300%			
50) Toluene-d8	10.338	98	1362893	53.274	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.540%			
62) 4-Bromofluorobenzene	12.626	95	463344	54.193	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	130376	21.020	ug/l	99
3) Chloromethane	2.209	50	183372	20.381	ug/l	99
4) Vinyl Chloride	2.344	62	192419	20.333	ug/l	99
5) Bromomethane	2.750	94	132660	22.719	ug/l	92
6) Chloroethane	2.909	64	124909	20.364	ug/l	95
7) Trichlorofluoromethane	3.267	101	242051	20.719	ug/l	99
8) Diethyl Ether	3.709	74	68188	20.751	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	151662	20.441	ug/l	99
10) Methyl Iodide	4.303	142	115676	18.160	ug/l	99
11) Tert butyl alcohol	5.226	59	39716	113.254	ug/l	96
12) 1,1-Dichloroethene	4.062	96	138759	20.581	ug/l	97
13) Acrolein	3.926	56	50300	102.465	ug/l	97
14) Allyl chloride	4.714	41	205710	20.810	ug/l	99
15) Acrylonitrile	5.420	53	159112	102.932	ug/l	99
16) Acetone	4.156	43	128595	105.038	ug/l	95
17) Carbon Disulfide	4.403	76	489517	20.306	ug/l	99
18) Methyl Acetate	4.720	43	74877	21.079	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	290234	20.777	ug/l	98
20) Methylene Chloride	4.961	84	236298	23.271	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	160076	20.149	ug/l	94
22) Diisopropyl ether	6.361	45	459169	21.377	ug/l	95
23) Vinyl Acetate	6.308	43	1059312	102.703	ug/l	100
24) 1,1-Dichloroethane	6.261	63	304453	20.521	ug/l	99
25) 2-Butanone	7.214	43	176892	106.545	ug/l	98
26) 2,2-Dichloropropane	7.203	77	235818	20.903	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	171514	20.232	ug/l	99
28) Bromochloromethane	7.544	49	129481	22.987	ug/l	95
29) Tetrahydrofuran	7.561	42	113330	105.508	ug/l	99
30) Chloroform	7.708	83	301025	20.181	ug/l	88
31) Cyclohexane	7.985	56	269161	20.326	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	251234	20.348	ug/l	98
36) 1,1-Dichloropropene	8.108	75	229583	20.214	ug/l	100
37) Ethyl Acetate	7.291	43	85953	20.788	ug/l	99
38) Carbon Tetrachloride	8.097	117	214136	20.641	ug/l	95
39) Methylcyclohexane	9.349	83	254152	19.539	ug/l	98
40) Benzene	8.350	78	670819	20.387	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	41949	19.333	ug/l	96
42) 1,2-Dichloroethane	8.420	62	179920	20.676	ug/l	100
43) Isopropyl Acetate	8.450	43	153275	20.669	ug/l	98
44) Trichloroethene	9.108	130	160707	19.833	ug/l	96
45) 1,2-Dichloropropane	9.385	63	176884	20.466	ug/l	95
46) Dibromomethane	9.473	93	86878	20.450	ug/l	97
47) Bromodichloromethane	9.661	83	227764	20.635	ug/l	100
48) Methyl methacrylate	9.455	41	74950	20.686	ug/l	97
49) 1,4-Dioxane	9.461	88	19314	430.301	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	414163	107.327	ug/l	100
52) Toluene	10.402	92	416308	20.857	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	195728	21.126	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	241289	21.511	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	123279	20.544	ug/l	97
56) Ethyl methacrylate	10.655	69	136265	20.832	ug/l	98
57) 1,3-Dichloropropane	10.944	76	213120	20.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	286454	101.325	ug/l	98
59) 2-Hexanone	10.979	43	275452	107.916	ug/l	99
60) Dibromochloromethane	11.138	129	139494	20.526	ug/l	100
61) 1,2-Dibromoethane	11.243	107	113485	21.005	ug/l	100
64) Tetrachloroethene	10.873	164	127833	20.203	ug/l	98
65) Chlorobenzene	11.667	112	421662	20.503	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	154233	20.847	ug/l	100
67) Ethyl Benzene	11.738	91	747733	20.652	ug/l	98
68) m/p-Xylenes	11.849	106	582782	41.521	ug/l	98
69) o-Xylene	12.173	106	259138	20.308	ug/l	99
70) Styrene	12.191	104	463079	20.941	ug/l	100
71) Bromoform	12.355	173	75437	20.996	ug/l #	100
73) Isopropylbenzene	12.473	105	680485	20.125	ug/l	100
74) N-amyl acetate	12.279	43	144701	20.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	144741	21.435	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	100047m	20.001	ug/l	
77) Bromobenzene	12.755	156	158229	20.777	ug/l	97
78) n-propylbenzene	12.814	91	902357	20.778	ug/l	99
79) 2-Chlorotoluene	12.902	91	521821	20.686	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	604106	20.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	38916	23.602	ug/l	99
82) 4-Chlorotoluene	12.996	91	549605	20.840	ug/l	99
83) tert-Butylbenzene	13.214	119	475293	20.211	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	602495	21.114	ug/l	100
85) sec-Butylbenzene	13.390	105	766780	20.625	ug/l	100
86) p-Isopropyltoluene	13.508	119	615631	20.383	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	327791	20.501	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	326683	20.499	ug/l	99
89) n-Butylbenzene	13.832	91	597513	20.045	ug/l	98
90) Hexachloroethane	14.102	117	128053	20.015	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	283569	20.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	19782	20.345	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	151974	20.411	ug/l	99
94) Hexachlorobutadiene	15.255	225	88688	19.472	ug/l	97
95) Naphthalene	15.390	128	267026	20.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	132433	20.568	ug/l	98

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

