

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068215.D
 Acq On : 28 Jan 2021 11:34
 Operator : VA/SY
 Sample : VD0128SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0128SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:59:14 AM

Quant Time: Jan 29 00:06:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	341106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	601194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	539153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	239186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	147178	45.10	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.20%		
35) Dibromofluoromethane	7.920	113	153283	46.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.24%		
50) Toluene-d8	10.343	98	566187	42.59	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.18%		
62) 4-Bromofluorobenzene	12.631	95	200982	41.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.96%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	85587	21.12	ug/l	98
3) Chloromethane	2.208	50	99095	22.71	ug/l	99
4) Vinyl Chloride	2.350	62	108550	22.36	ug/l	97
5) Bromomethane	2.761	94	76778	23.07	ug/l	92
6) Chloroethane	2.926	64	69098	23.30	ug/l	94
7) Trichlorofluoromethane	3.279	101	131477	20.64	ug/l	95
8) Diethyl Ether	3.714	74	38700	20.63	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	78444	21.11	ug/l	93
10) Methyl Iodide	4.308	142	78778	20.87	ug/l	92
11) Tert butyl alcohol	5.226	59	28297	42.69	ug/l	99
12) 1,1-Dichloroethene	4.067	96	77940	20.86	ug/l	91
13) Acrolein	3.920	56	24732	96.18	ug/l	93
14) Allyl chloride	4.714	41	110808	20.39	ug/l	96
15) Acrylonitrile	5.432	53	81975	110.33	ug/l	99
16) Acetone	4.161	43	61233	105.10	ug/l	95
17) Carbon Disulfide	4.414	76	242209	20.12	ug/l	97
18) Methyl Acetate	4.720	43	34473	22.80	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	184454	21.35	ug/l #	91
20) Methylene Chloride	4.967	84	96933	21.56	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	90351	21.06	ug/l	92
22) Diisopropyl ether	6.361	45	235868	21.50	ug/l	93
23) Vinyl Acetate	6.302	43	618675	105.81	ug/l	96
24) 1,1-Dichloroethane	6.267	63	155647	21.90	ug/l	97
25) 2-Butanone	7.220	43	92791	105.77	ug/l	92
26) 2,2-Dichloropropane	7.214	77	133953	19.92	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	101271	21.74	ug/l	94
28) Bromochloromethane	7.549	49	53906	22.26	ug/l #	77
29) Tetrahydrofuran	7.567	42	61054	107.36	ug/l	93
30) Chloroform	7.714	83	155751	21.69	ug/l	95
31) Cyclohexane	7.985	56	146383	20.72	ug/l	98
32) 1,1,1-Trichloroethane	7.908	97	137566	21.25	ug/l	94
36) 1,1-Dichloropropene	8.114	75	123215	20.32	ug/l	98
37) Ethyl Acetate	7.291	43	44531	20.76	ug/l #	95
38) Carbon Tetrachloride	8.096	117	114671	20.21	ug/l	97
39) Methylcyclohexane	9.355	83	155409	19.61	ug/l	97
40) Benzene	8.355	78	355823	20.99	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	24968	19.29	ug/l	96
42) 1,2-Dichloroethane	8.426	62	98061	21.65	ug/l	97
43) Isopropyl Acetate	8.455	43	89764	20.08	ug/l	95
44) Trichloroethene	9.114	130	94701	20.34	ug/l	98
45) 1,2-Dichloropropane	9.390	63	89350	21.52	ug/l #	87
46) Dibromomethane	9.479	93	44118	20.97	ug/l	95
47) Bromodichloromethane	9.661	83	121637	21.43	ug/l	97
48) Methyl methacrylate	9.455	41	45657	20.52	ug/l	95
49) 1,4-Dioxane	9.461	88	10278	416.97	ug/l #	82
51) 4-Methyl-2-Pentanone	10.232	43	216152	104.04	ug/l	96
52) Toluene	10.408	92	226522	20.51	ug/l	95
53) t-1,3-Dichloropropene	10.626	75	116202	20.23	ug/l	100
54) cis-1,3-Dichloropropene	10.090	75	140659	20.57	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	63688	21.37	ug/l	90
56) Ethyl methacrylate	10.661	69	79781	20.09	ug/l	94
57) 1,3-Dichloropropane	10.949	76	110905	21.09	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.943	63	200678	109.52	ug/l	92
59) 2-Hexanone	10.985	43	147136	102.17	ug/l	96
60) Dibromochloromethane	11.143	129	77073	20.62	ug/l	99
61) 1,2-Dibromoethane	11.249	107	60444	20.55	ug/l	100
64) Tetrachloroethene	10.879	164	77235	20.32	ug/l	99
65) Chlorobenzene	11.673	112	237890	20.77	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	82206	20.40	ug/l	96
67) Ethyl Benzene	11.743	91	435747	20.54	ug/l	97
68) m/p-Xylenes	11.855	106	327672	40.92	ug/l	98
69) o-Xylene	12.179	106	152404	20.49	ug/l	97
70) Styrene	12.196	104	259540	20.45	ug/l	99
71) Bromoform	12.361	173	40682	19.92	ug/l #	99
73) Isopropylbenzene	12.479	105	416505	20.93	ug/l	99
74) N-amyl acetate	12.290	43	82122	19.85	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.731	83	69382	21.92	ug/l	99
76) 1,2,3-Trichloropropane	12.784	75	44241m	19.13	ug/l	
77) Bromobenzene	12.761	156	89798	21.04	ug/l	87
78) n-propylbenzene	12.820	91	493785	20.97	ug/l	97
79) 2-Chlorotoluene	12.908	91	277530	20.99	ug/l	95
80) 1,3,5-Trimethylbenzene	12.961	105	344708	20.80	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.531	75	22246	19.46	ug/l	94
82) 4-Chlorotoluene	13.008	91	284881	20.72	ug/l	98
83) tert-Butylbenzene	13.226	119	285036	20.29	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	336499	20.45	ug/l	99
85) sec-Butylbenzene	13.402	105	405041	20.62	ug/l	99
86) p-Isopropyltoluene	13.514	119	363408	20.34	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	171604	20.92	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	172186	21.30	ug/l	98
89) n-Butylbenzene	13.843	91	353094	20.59	ug/l	98
90) Hexachloroethane	14.114	117	63906	19.80	ug/l	90
91) 1,2-Dichlorobenzene	13.890	146	150823	21.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	10462	20.19	ug/l	86
93) 1,2,4-Trichlorobenzene	15.161	180	97314	20.20	ug/l	99
94) Hexachlorobutadiene	15.267	225	52781	19.76	ug/l	98
95) Naphthalene	15.402	128	184549	20.43	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	82372	20.27	ug/l	99

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

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