

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010821\
 Data File : VD068044.D
 Acq On : 08 Jan 2021 12:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 5:08:11 PM

Quant Time: Jan 08 21:48:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	196268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	341103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	319386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	144816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	107080	50.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.04%			
35) Dibromofluoromethane	7.914	113	109716	51.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.10%			
50) Toluene-d8	10.343	98	401722	49.73	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.46%			
62) 4-Bromofluorobenzene	12.632	95	141872	51.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	115494	57.78	ug/l	93
3) Chloromethane	2.209	50	124383	45.51	ug/l	99
4) Vinyl Chloride	2.350	62	123371	48.45	ug/l	99
5) Bromomethane	2.767	94	83203	51.89	ug/l	93
6) Chloroethane	2.920	64	76462	48.85	ug/l	99
7) Trichlorofluoromethane	3.273	101	211333	56.31	ug/l	97
8) Diethyl Ether	3.703	74	60169	55.92	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	124897	55.83	ug/l	97
10) Methyl Iodide	4.297	142	106019	46.72	ug/l	95
11) Tert butyl alcohol	5.226	59	32520	269.81	ug/l	96
12) 1,1-Dichloroethene	4.067	96	116464	54.27	ug/l	94
13) Acrolein	3.920	56	40165	266.29	ug/l	96
14) Allyl chloride	4.714	41	186522	48.89	ug/l	96
15) Acrylonitrile	5.420	53	141452	274.58	ug/l	97
16) Acetone	4.156	43	109014	269.41	ug/l	95
17) Carbon Disulfide	4.409	76	384167	51.37	ug/l	98
18) Methyl Acetate	4.720	43	60563	50.64	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	249540	55.93	ug/l	91
20) Methylene Chloride	4.961	84	139902	54.06	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	137640	53.67	ug/l	94
22) Diisopropyl ether	6.361	45	408558	53.16	ug/l	99
23) Vinyl Acetate	6.303	43	1060205	271.42	ug/l	99
24) 1,1-Dichloroethane	6.261	63	242270	52.08	ug/l	98
25) 2-Butanone	7.208	43	158959	266.38	ug/l	97
26) 2,2-Dichloropropane	7.208	77	196693	53.67	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	143526	52.39	ug/l	98
28) Bromochloromethane	7.544	49	89458	51.01	ug/l	95
29) Tetrahydrofuran	7.561	42	106838	264.67	ug/l	97
30) Chloroform	7.714	83	248270	54.48	ug/l	97
31) Cyclohexane	7.985	56	219306	50.62	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	211324	54.14	ug/l	100
36) 1,1-Dichloropropene	8.114	75	194033	53.52	ug/l	99
37) Ethyl Acetate	7.297	43	74296	50.65	ug/l	98
38) Carbon Tetrachloride	8.097	117	189253	54.65	ug/l	99
39) Methylcyclohexane	9.355	83	228375	54.94	ug/l	96
40) Benzene	8.349	78	556376	52.90	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	48534	58.77	ug/l	94
42) 1,2-Dichloroethane	8.426	62	151941	53.57	ug/l	99
43) Isopropyl Acetate	8.455	43	139522	51.82	ug/l	99
44) Trichloroethene	9.114	130	137774	52.26	ug/l	93
45) 1,2-Dichloropropane	9.391	63	144501	53.97	ug/l	93
46) Dibromomethane	9.479	93	72627	55.81	ug/l	95
47) Bromodichloromethane	9.661	83	190568	54.27	ug/l	95
48) Methyl methacrylate	9.455	41	75133	53.99	ug/l	92
49) 1,4-Dioxane	9.467	88	14152	995.90	ug/l #	84
51) 4-Methyl-2-Pentanone	10.232	43	376578	270.08	ug/l	96
52) Toluene	10.408	92	349716	53.87	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	173662	54.68	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	209457	53.31	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	98678	54.25	ug/l	95
56) Ethyl methacrylate	10.661	69	118532	58.00	ug/l	94
57) 1,3-Dichloropropane	10.949	76	175063	54.73	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	319373	310.55	ug/l	100
59) 2-Hexanone	10.985	43	253701	276.88	ug/l	99
60) Dibromochloromethane	11.143	129	121563	53.95	ug/l	99
61) 1,2-Dibromoethane	11.243	107	93344	53.49	ug/l	99
64) Tetrachloroethene	10.873	164	106356	47.47	ug/l	96
65) Chlorobenzene	11.673	112	351462	51.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	126703	51.52	ug/l	98
67) Ethyl Benzene	11.749	91	662460	53.91	ug/l	97
68) m/p-Xylenes	11.855	106	501417	107.08	ug/l	98
69) o-Xylene	12.185	106	224757	53.64	ug/l	100
70) Styrene	12.196	104	396113	54.71	ug/l	99
71) Bromoform	12.367	173	62564	50.33	ug/l #	99
73) Isopropylbenzene	12.485	105	612897	57.02	ug/l	99
74) N-amyl acetate	12.290	43	132035	54.11	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	113875	57.10	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	72384m	59.37	ug/l	
77) Bromobenzene	12.761	156	134289	54.63	ug/l	95
78) n-propylbenzene	12.820	91	768620	57.52	ug/l	100
79) 2-Chlorotoluene	12.908	91	421687	55.86	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	517314	57.95	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	33670	56.61	ug/l	98
82) 4-Chlorotoluene	13.008	91	445664	56.18	ug/l	98
83) tert-Butylbenzene	13.226	119	422163	57.49	ug/l	98
84) 1,2,4-Trimethylbenzene	13.273	105	512508	57.24	ug/l	100
85) sec-Butylbenzene	13.402	105	620507	57.76	ug/l	99
86) p-Isopropyltoluene	13.520	119	541488	57.28	ug/l	98
87) 1,3-Dichlorobenzene	13.520	146	256003	52.37	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	254874	52.79	ug/l	99
89) n-Butylbenzene	13.843	91	547534	58.39	ug/l	100
90) Hexachloroethane	14.114	117	108850	56.35	ug/l	91
91) 1,2-Dichlorobenzene	13.890	146	222189	53.99	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	16284	52.16	ug/l	94
93) 1,2,4-Trichlorobenzene	15.161	180	130615	53.45	ug/l	97
94) Hexachlorobutadiene	15.273	225	72261	50.53	ug/l	97
95) Naphthalene	15.402	128	248119	57.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	113310	53.67	ug/l	95

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

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