

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068311.D
 Acq On : 08 Feb 2021 11:10
 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
 2/9/2021 9:59:48 AM

Quant Time: Feb 09 00:12:34 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	7.979	168	422386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	714052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	632926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	295199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	171440	42.43	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.86%		
35) Dibromofluoromethane	7.920	113	185166	46.90	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.80%		
50) Toluene-d8	10.344	98	667655	42.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	84.56%		
62) 4-Bromofluorobenzene	12.632	95	239501	42.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.24%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	200219	39.90	ug/l	97
3) Chloromethane	2.209	50	228892	42.36	ug/l	98
4) Vinyl Chloride	2.350	62	286177	47.62	ug/l	100
5) Bromomethane	2.774	94	197940	48.02	ug/l	99
6) Chloroethane	2.927	64	184291	50.20	ug/l	97
7) Trichlorofluoromethane	3.279	101	365587	46.34	ug/l	99
8) Diethyl Ether	3.715	74	108205	46.59	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	224928	48.89	ug/l	96
10) Methyl Iodide	4.303	142	241848	47.06	ug/l	94
11) Tert butyl alcohol	5.221	59	73913	187.45	ug/l	97
12) 1,1-Dichloroethene	4.074	96	212744	45.97	ug/l	96
13) Acrolein	3.926	56	58965	185.18	ug/l	100
14) Allyl chloride	4.715	41	278015	41.30	ug/l	97
15) Acrylonitrile	5.426	53	219334	238.39	ug/l	99
16) Acetone	4.156	43	211011	292.47	ug/l	89
17) Carbon Disulfide	4.415	76	618073	41.47	ug/l	98
18) Methyl Acetate	4.715	43	91029	48.61	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	492973	46.08	ug/l	95
20) Methylene Chloride	4.962	84	244715	48.47	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	246725	46.44	ug/l	97
22) Diisopropyl ether	6.368	45	594955	43.80	ug/l	97
23) Vinyl Acetate	6.309	43	1627224	224.75	ug/l	97
24) 1,1-Dichloroethane	6.268	63	405233	46.04	ug/l	99
25) 2-Butanone	7.215	43	253748	233.58	ug/l	100
26) 2,2-Dichloropropane	7.209	77	377310	45.31	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	276312	47.91	ug/l	96
28) Bromochloromethane	7.550	49	132909	44.33	ug/l	83
29) Tetrahydrofuran	7.562	42	155641	221.02	ug/l	99
30) Chloroform	7.715	83	426237	47.93	ug/l	100
31) Cyclohexane	7.985	56	356958	40.80	ug/l	93
32) 1,1,1-Trichloroethane	7.909	97	382540	47.73	ug/l	95
36) 1,1-Dichloropropene	8.114	75	336198	46.69	ug/l	97
37) Ethyl Acetate	7.291	43	110703	43.46	ug/l	97
38) Carbon Tetrachloride	8.097	117	333276	49.45	ug/l	98
39) Methylcyclohexane	9.356	83	428961	45.57	ug/l	99
40) Benzene	8.350	78	948940	47.13	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	76329m	49.65	ug/l	
42) 1,2-Dichloroethane	8.426	62	255040	47.41	ug/l	98
43) Isopropyl Acetate	8.450	43	226772	42.72	ug/l	97
44) Trichloroethene	9.114	130	265127	47.95	ug/l	99
45) 1,2-Dichloropropane	9.391	63	229381	46.52	ug/l	97
46) Dibromomethane	9.479	93	120825	48.36	ug/l	96
47) Bromodichloromethane	9.661	83	326927	48.50	ug/l	95
48) Methyl methacrylate	9.456	41	115350	43.66	ug/l	96
49) 1,4-Dioxane	9.467	88	28271	965.66	ug/l	92
51) 4-Methyl-2-Pentanone	10.232	43	568247	230.29	ug/l	99
52) Toluene	10.403	92	616288	46.98	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	315995	46.31	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	373237	45.95	ug/l	97
55) 1,1,2-Trichloroethane	10.803	97	181480	51.26	ug/l	96
56) Ethyl methacrylate	10.661	69	216663	45.94	ug/l	97
57) 1,3-Dichloropropane	10.950	76	299951	48.01	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	596631	274.14	ug/l	94
59) 2-Hexanone	10.985	43	407879	238.47	ug/l	99
60) Dibromochloromethane	11.144	129	220248	49.62	ug/l	99
61) 1,2-Dibromoethane	11.250	107	171401	49.07	ug/l	99
64) Tetrachloroethene	10.879	164	216830	48.61	ug/l	95
65) Chlorobenzene	11.673	112	655635	48.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	233696	49.40	ug/l	98
67) Ethyl Benzene	11.744	91	1198983	48.15	ug/l	97
68) m/p-Xylenes	11.855	106	915610	97.40	ug/l	99
69) o-Xylene	12.179	106	419764	48.08	ug/l	97
70) Styrene	12.197	104	724344	48.61	ug/l	99
71) Bromoform	12.361	173	118528	49.44	ug/l #	98
73) Isopropylbenzene	12.479	105	1160468	47.24	ug/l	100
74) N-amyl acetate	12.291	43	212613	41.64	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	190774	48.83	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	141629m	49.62	ug/l	
77) Bromobenzene	12.761	156	252493	47.95	ug/l	90
78) n-propylbenzene	12.820	91	1388332	47.77	ug/l	97
79) 2-Chlorotoluene	12.908	91	753951	46.21	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	947456	46.31	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	64761	45.91	ug/l	95
82) 4-Chlorotoluene	13.002	91	793792	46.79	ug/l	98
83) tert-Butylbenzene	13.220	119	835475	48.20	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	949819	46.78	ug/l	99
85) sec-Butylbenzene	13.402	105	1166043	48.09	ug/l	98
86) p-Isopropyltoluene	13.514	119	1048756	47.55	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	491830	48.57	ug/l	99
88) 1,4-Dichlorobenzene	13.597	146	485222	48.64	ug/l	99
89) n-Butylbenzene	13.838	91	995878	47.05	ug/l	99
90) Hexachloroethane	14.108	117	189209	47.49	ug/l	92
91) 1,2-Dichlorobenzene	13.885	146	420614	48.50	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	28557	44.66	ug/l	91
93) 1,2,4-Trichlorobenzene	15.161	180	290435	48.85	ug/l	99
94) Hexachlorobutadiene	15.267	225	165336	50.16	ug/l	98
95) Naphthalene	15.396	128	538731	48.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.591	180	243603	48.57	ug/l	98

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

