

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
 Data File : VD068197.D
 Acq On : 27 Jan 2021 12:06
 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
 1/28/2021 2:11:58 PM

Quant Time: Jan 27 23:55:56 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	377511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	640779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	566417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	252711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	165279	45.77	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.54%		
35) Dibromofluoromethane	7.920	113	170152	48.03	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.06%		
50) Toluene-d8	10.344	98	632076	44.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.22%		
62) 4-Bromofluorobenzene	12.632	95	226826	44.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.90%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	216820	48.35	ug/l	98
3) Chloromethane	2.209	50	244892	50.71	ug/l	97
4) Vinyl Chloride	2.350	62	290472	54.08	ug/l	99
5) Bromomethane	2.773	94	188915	51.28	ug/l	99
6) Chloroethane	2.926	64	180975	55.15	ug/l	93
7) Trichlorofluoromethane	3.279	101	354646	50.30	ug/l	97
8) Diethyl Ether	3.709	74	101464	48.88	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	211867	51.52	ug/l	95
10) Methyl Iodide	4.303	142	232932	50.47	ug/l	94
11) Tert butyl alcohol	5.220	59	65401	184.70	ug/l	100
12) 1,1-Dichloroethene	4.073	96	210577	50.91	ug/l	93
13) Acrolein	3.920	56	68674	241.31	ug/l	100
14) Allyl chloride	4.720	41	298827	49.67	ug/l	96
15) Acrylonitrile	5.420	53	217165	264.09	ug/l	99
16) Acetone	4.156	43	195477	303.15	ug/l	92
17) Carbon Disulfide	4.414	76	653157	49.03	ug/l	99
18) Methyl Acetate	4.720	43	92457	55.25	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	481769	50.38	ug/l	96
20) Methylene Chloride	4.967	84	251005	56.27	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	238455	50.22	ug/l	91
22) Diisopropyl ether	6.361	45	608809	50.15	ug/l	95
23) Vinyl Acetate	6.308	43	1665736	257.42	ug/l	97
24) 1,1-Dichloroethane	6.267	63	402000	51.11	ug/l	99
25) 2-Butanone	7.208	43	244755	252.09	ug/l	97
26) 2,2-Dichloropropane	7.208	77	372339	50.03	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	262997	51.02	ug/l	93
28) Bromochloromethane	7.550	49	129788	48.43	ug/l #	79
29) Tetrahydrofuran	7.561	42	159924	254.09	ug/l	94
30) Chloroform	7.714	83	404661	50.91	ug/l	98
31) Cyclohexane	7.985	56	379261	48.50	ug/l	89
32) 1,1,1-Trichloroethane	7.902	97	364203	50.85	ug/l	95
36) 1,1-Dichloropropene	8.114	75	340301	52.66	ug/l	96
37) Ethyl Acetate	7.297	43	118792	51.97	ug/l	96
38) Carbon Tetrachloride	8.097	117	318695	52.69	ug/l	97
39) Methylcyclohexane	9.355	83	434010	51.37	ug/l	99
40) Benzene	8.355	78	929309	51.44	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	58814	42.63	ug/l #	84
42) 1,2-Dichloroethane	8.426	62	249878	51.76	ug/l	99
43) Isopropyl Acetate	8.450	43	238682	50.11	ug/l	96
44) Trichloroethene	9.114	130	255194	51.43	ug/l	95
45) 1,2-Dichloropropane	9.391	63	224105	50.65	ug/l	95
46) Dibromomethane	9.479	93	118174	52.71	ug/l	91
47) Bromodichloromethane	9.661	83	309750	51.21	ug/l	98
48) Methyl methacrylate	9.455	41	120442	50.80	ug/l	97
49) 1,4-Dioxane	9.467	88	26878	1023.06	ug/l #	89
51) 4-Methyl-2-Pentanone	10.232	43	573735	259.11	ug/l	97
52) Toluene	10.408	92	592928	50.37	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	307181	50.17	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	364489	50.01	ug/l	95
55) 1,1,2-Trichloroethane	10.802	97	165428	52.07	ug/l	95
56) Ethyl methacrylate	10.661	69	213158	50.37	ug/l	94
57) 1,3-Dichloropropane	10.949	76	288437	51.45	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	518263	265.36	ug/l	92
59) 2-Hexanone	10.985	43	407192	265.29	ug/l	97
60) Dibromochloromethane	11.144	129	202120	50.74	ug/l	99
61) 1,2-Dibromoethane	11.249	107	159872	51.00	ug/l	100
64) Tetrachloroethene	10.879	164	201727	50.53	ug/l	96
65) Chlorobenzene	11.673	112	614911	51.09	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	218757	51.67	ug/l	97
67) Ethyl Benzene	11.749	91	1163691	52.22	ug/l	97
68) m/p-Xylenes	11.855	106	872130	103.67	ug/l	98
69) o-Xylene	12.179	106	402079	51.46	ug/l	98
70) Styrene	12.196	104	685546	51.41	ug/l	99
71) Bromoform	12.361	173	109764	51.16	ug/l #	99
73) Isopropylbenzene	12.479	105	1101790	52.40	ug/l	100
74) N-amyl acetate	12.291	43	220697	50.49	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.732	83	179133	53.56	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	112670m	46.11	ug/l	
77) Bromobenzene	12.761	156	234825	52.09	ug/l	87
78) n-propylbenzene	12.820	91	1314379	52.83	ug/l	97
79) 2-Chlorotoluene	12.908	91	726576	52.02	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	911221	52.03	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	61222	50.70	ug/l	97
82) 4-Chlorotoluene	13.008	91	752722	51.83	ug/l	97
83) tert-Butylbenzene	13.226	119	770921	51.95	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	897983	51.66	ug/l	100
85) sec-Butylbenzene	13.402	105	1100189	53.00	ug/l	99
86) p-Isopropyltoluene	13.514	119	1006755	53.32	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	449847	51.90	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	443680	51.95	ug/l	99
89) n-Butylbenzene	13.843	91	967127	53.38	ug/l	98
90) Hexachloroethane	14.108	117	179365	52.59	ug/l	89
91) 1,2-Dichlorobenzene	13.890	146	388982	52.39	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	27804	50.79	ug/l	86
93) 1,2,4-Trichlorobenzene	15.161	180	266578	52.37	ug/l	100
94) Hexachlorobutadiene	15.267	225	149162	52.86	ug/l	98
95) Naphthalene	15.402	128	503780	52.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	223171	51.98	ug/l	98

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

