

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068182.D
 Acq On : 26 Jan 2021 10:49
 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
 1/27/2021 2:42:51 PM

Quant Time: Jan 27 00:09:12 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	433439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	737081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	641640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	290965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	179705	43.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.68%		
35) Dibromofluoromethane	7.920	113	190012	46.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.26%		
50) Toluene-d8	10.344	98	699533	42.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.84%		
62) 4-Bromofluorobenzene	12.632	95	251249	42.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	249474	48.45	ug/l	97
3) Chloromethane	2.209	50	264174	47.64	ug/l	99
4) Vinyl Chloride	2.350	62	324958	52.69	ug/l	97
5) Bromomethane	2.773	94	221893	52.46	ug/l	100
6) Chloroethane	2.926	64	202646	53.79	ug/l	96
7) Trichlorofluoromethane	3.279	101	416059	51.40	ug/l	97
8) Diethyl Ether	3.709	74	117056	49.11	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	248848	52.71	ug/l	95
10) Methyl Iodide	4.309	142	276150	52.01	ug/l	93
11) Tert butyl alcohol	5.220	59	76487	189.77	ug/l	98
12) 1,1-Dichloroethene	4.073	96	240092	50.56	ug/l	94
13) Acrolein	3.926	56	83855	256.64	ug/l	100
14) Allyl chloride	4.720	41	332523	48.14	ug/l	96
15) Acrylonitrile	5.420	53	237879	251.95	ug/l	98
16) Acetone	4.162	43	221262	298.86	ug/l	90
17) Carbon Disulfide	4.415	76	744716	48.69	ug/l	98
18) Methyl Acetate	4.720	43	98323	51.17	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	541175	49.29	ug/l	94
20) Methylene Chloride	4.967	84	269283	52.30	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	275698	50.57	ug/l	94
22) Diisopropyl ether	6.367	45	675290	48.45	ug/l #	91
23) Vinyl Acetate	6.303	43	1822272	245.27	ug/l	97
24) 1,1-Dichloroethane	6.267	63	451864	50.03	ug/l	99
25) 2-Butanone	7.214	43	268498	240.86	ug/l	96
26) 2,2-Dichloropropane	7.208	77	427391	50.02	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	302210	51.06	ug/l	94
28) Bromochloromethane	7.550	49	139367	45.30	ug/l	82
29) Tetrahydrofuran	7.561	42	171557	237.40	ug/l	96
30) Chloroform	7.714	83	463043	50.74	ug/l	98
31) Cyclohexane	7.985	56	424419	47.27	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	421939	51.30	ug/l	96
36) 1,1-Dichloropropene	8.114	75	376946	50.71	ug/l	96
37) Ethyl Acetate	7.291	43	127748	48.59	ug/l	95
38) Carbon Tetrachloride	8.097	117	367056	52.76	ug/l	99
39) Methylcyclohexane	9.355	83	501111	51.57	ug/l	99
40) Benzene	8.350	78	1048207	50.44	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	72222	45.51	ug/l	96
42) 1,2-Dichloroethane	8.426	62	279026	50.25	ug/l	99
43) Isopropyl Acetate	8.456	43	256894	46.88	ug/l	96
44) Trichloroethene	9.114	130	293587	51.44	ug/l	98
45) 1,2-Dichloropropane	9.391	63	251803	49.48	ug/l	96
46) Dibromomethane	9.479	93	130810	50.72	ug/l	96
47) Bromodichloromethane	9.661	83	355774	51.13	ug/l	98
48) Methyl methacrylate	9.455	41	131361	48.17	ug/l	96
49) 1,4-Dioxane	9.461	88	29822	986.82	ug/l	91
51) 4-Methyl-2-Pentanone	10.232	43	611043	239.90	ug/l	98
52) Toluene	10.408	92	691425	51.06	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	348286	49.45	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	410649	48.98	ug/l	93
55) 1,1,2-Trichloroethane	10.802	97	184010	50.35	ug/l	95
56) Ethyl methacrylate	10.661	69	234897	48.25	ug/l #	93
57) 1,3-Dichloropropane	10.949	76	324254	50.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	547637	243.77	ug/l	93
59) 2-Hexanone	10.985	43	442168	250.44	ug/l	98
60) Dibromochloromethane	11.144	129	233481	50.95	ug/l	99
61) 1,2-Dibromoethane	11.249	107	183448	50.87	ug/l	99
64) Tetrachloroethene	10.879	164	240073	53.09	ug/l	98
65) Chlorobenzene	11.673	112	710851	52.14	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	250381	52.21	ug/l	97
67) Ethyl Benzene	11.744	91	1317952	52.21	ug/l	99
68) m/p-Xylenes	11.855	106	994530	104.36	ug/l	98
69) o-Xylene	12.185	106	461506	52.14	ug/l	97
70) Styrene	12.196	104	785515	52.00	ug/l	98
71) Bromoform	12.361	173	126600	52.08	ug/l #	99
73) Isopropylbenzene	12.479	105	1269385	52.43	ug/l	100
74) N-amyl acetate	12.291	43	240909	47.87	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.732	83	195597	50.79	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	124086m	44.11	ug/l	
77) Bromobenzene	12.761	156	274341	52.85	ug/l	90
78) n-propylbenzene	12.820	91	1517466	52.98	ug/l	97
79) 2-Chlorotoluene	12.908	91	825338	51.32	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	1043276	51.74	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	69654	50.10	ug/l	97
82) 4-Chlorotoluene	13.008	91	859410	51.39	ug/l	98
83) tert-Butylbenzene	13.226	119	901592	52.77	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	1035133	51.72	ug/l	99
85) sec-Butylbenzene	13.402	105	1264957	52.93	ug/l	98
86) p-Isopropyltoluene	13.514	119	1147835	52.80	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	525791	52.68	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	514096	52.28	ug/l	99
89) n-Butylbenzene	13.843	91	1113313	53.37	ug/l	99
90) Hexachloroethane	14.114	117	208718	53.15	ug/l	90
91) 1,2-Dichlorobenzene	13.890	146	446166	52.19	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	30781	48.84	ug/l	85
93) 1,2,4-Trichlorobenzene	15.161	180	306674	52.33	ug/l	98
94) Hexachlorobutadiene	15.267	225	178715	55.01	ug/l	97
95) Naphthalene	15.402	128	554696	50.48	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	261405	52.88	ug/l	96

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

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