

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068009.D
 Acq On : 06 Jan 2021 10:56
 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
 1/7/2021 1:54:14 PM

Quant Time: Jan 07 00:07:51 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	274789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	440151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	410408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	197499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	142016	47.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.72%		
35) Dibromofluoromethane	7.914	113	143233	51.65	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.30%		
50) Toluene-d8	10.343	98	517860	49.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.36%		
62) 4-Bromofluorobenzene	12.631	95	179963	50.47	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.94%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	147887	52.84	ug/l	97
3) Chloromethane	2.208	50	161784	42.28	ug/l	99
4) Vinyl Chloride	2.350	62	163879	45.96	ug/l	93
5) Bromomethane	2.767	94	106004	46.75	ug/l	96
6) Chloroethane	2.926	64	96584	44.07	ug/l	98
7) Trichlorofluoromethane	3.273	101	266991	50.81	ug/l	99
8) Diethyl Ether	3.708	74	70015	46.48	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	160798	51.34	ug/l	99
10) Methyl Iodide	4.303	142	143168	45.20	ug/l	96
11) Tert butyl alcohol	5.226	59	39570	224.94	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	148669	49.48	ug/l	95
13) Acrolein	3.920	56	53891	255.20	ug/l	97
14) Allyl chloride	4.714	41	238257	44.60	ug/l	97
15) Acrylonitrile	5.420	53	174827	242.39	ug/l	99
16) Acetone	4.155	43	151974	268.25	ug/l #	89
17) Carbon Disulfide	4.408	76	494004	47.19	ug/l	99
18) Methyl Acetate	4.714	43	76661	45.79	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	309398	49.53	ug/l	96
20) Methylene Chloride	4.967	84	173686	46.95	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	169992	47.35	ug/l	98
22) Diisopropyl ether	6.361	45	507176	47.14	ug/l	95
23) Vinyl Acetate	6.302	43	1336823	244.44	ug/l	99
24) 1,1-Dichloroethane	6.261	63	299321	45.96	ug/l	95
25) 2-Butanone	7.208	43	203898	244.05	ug/l	94
26) 2,2-Dichloropropane	7.208	77	256438	49.97	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	188421	49.12	ug/l	95
28) Bromochloromethane	7.549	49	114811	46.76	ug/l	92
29) Tetrahydrofuran	7.561	42	134676	238.30	ug/l	96
30) Chloroform	7.708	83	309450	48.50	ug/l	99
31) Cyclohexane	7.985	56	277756	45.79	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	266900	48.84	ug/l	98
36) 1,1-Dichloropropene	8.108	75	244925	52.35	ug/l	98
37) Ethyl Acetate	7.291	43	95963	50.70	ug/l	97
38) Carbon Tetrachloride	8.096	117	241091	53.95	ug/l	98
39) Methylcyclohexane	9.361	83	285556	53.24	ug/l	94
40) Benzene	8.349	78	679422	50.07	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	47148	44.25	ug/l #	74
42) 1,2-Dichloroethane	8.426	62	190500	52.05	ug/l	98
43) Isopropyl Acetate	8.455	43	175268	50.44	ug/l	98
44) Trichloroethene	9.114	130	175500	51.59	ug/l	97
45) 1,2-Dichloropropane	9.390	63	176262	51.02	ug/l	97
46) Dibromomethane	9.479	93	90279	53.76	ug/l	98
47) Bromodichloromethane	9.661	83	236963	52.30	ug/l	95
48) Methyl methacrylate	9.461	41	95437	53.15	ug/l	97
49) 1,4-Dioxane	9.467	88	19870	1083.63	ug/l	98
51) 4-Methyl-2-Pentanone	10.232	43	476214	264.68	ug/l	98
52) Toluene	10.402	92	432440	51.62	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	218366	53.29	ug/l	99
54) cis-1,3-Dichloropropene	10.090	75	259440	51.17	ug/l	100
55) 1,1,2-Trichloroethane	10.802	97	127383	54.27	ug/l	98
56) Ethyl methacrylate	10.667	69	144913	54.95	ug/l	96
57) 1,3-Dichloropropane	10.949	76	218231	52.88	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.943	63	383481	288.98	ug/l	99
59) 2-Hexanone	10.985	43	334377	282.80	ug/l	98
60) Dibromochloromethane	11.143	129	157372	54.13	ug/l	99
61) 1,2-Dibromoethane	11.249	107	119354	53.01	ug/l	98
64) Tetrachloroethene	10.879	164	143052	49.69	ug/l	96
65) Chlorobenzene	11.673	112	455261	51.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	164677	52.11	ug/l	98
67) Ethyl Benzene	11.749	91	828931	52.50	ug/l	98
68) m/p-Xylenes	11.855	106	635132	105.55	ug/l	99
69) o-Xylene	12.184	106	283191	52.60	ug/l	98
70) Styrene	12.196	104	496750	53.39	ug/l	100
71) Bromoform	12.367	173	84424	52.85	ug/l #	99
73) Isopropylbenzene	12.479	105	775335	52.89	ug/l	99
74) N-amyl acetate	12.290	43	167082	50.21	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.731	83	140122	51.52	ug/l	98
76) 1,2,3-Trichloropropane	12.784	75	89206m	53.65	ug/l	
77) Bromobenzene	12.761	156	171112	51.04	ug/l	98
78) n-propylbenzene	12.820	91	971574	53.32	ug/l	100
79) 2-Chlorotoluene	12.908	91	532766	51.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	656000	53.88	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.531	75	43089	53.12	ug/l	97
82) 4-Chlorotoluene	13.008	91	565828	52.30	ug/l	99
83) tert-Butylbenzene	13.226	119	529600	52.89	ug/l	98
84) 1,2,4-Trimethylbenzene	13.273	105	651206	53.33	ug/l	100
85) sec-Butylbenzene	13.402	105	789562	53.89	ug/l	100
86) p-Isopropyltoluene	13.520	119	704124	54.61	ug/l	99
87) 1,3-Dichlorobenzene	13.520	146	336818	50.52	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	331650	50.37	ug/l	100
89) n-Butylbenzene	13.843	91	685407	53.59	ug/l	100
90) Hexachloroethane	14.114	117	137294	52.11	ug/l	98
91) 1,2-Dichlorobenzene	13.890	146	294552	52.48	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	20768	48.78	ug/l	99
93) 1,2,4-Trichlorobenzene	15.161	180	177000	53.11	ug/l	98
94) Hexachlorobutadiene	15.267	225	101150	51.87	ug/l	99
95) Naphthalene	15.402	128	319620	54.27	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	151757	52.70	ug/l	97

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

