

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068023.D
 Acq On : 07 Jan 2021 09:57
 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
 1/8/2021 2:31:58 PM

Quant Time: Jan 08 00:11:55 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	265175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	422619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	393148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	192221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131916	46.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.14%			
35) Dibromofluoromethane	7.914	113	138758	52.11	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.22%			
50) Toluene-d8	10.344	98	501886	50.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.28%			
62) 4-Bromofluorobenzene	12.632	95	175571	51.28	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	140532	52.03	ug/l	95
3) Chloromethane	2.209	50	154811	41.93	ug/l	96
4) Vinyl Chloride	2.350	62	158069	45.94	ug/l	95
5) Bromomethane	2.768	94	107143	49.21	ug/l	87
6) Chloroethane	2.926	64	94915	44.88	ug/l	91
7) Trichlorofluoromethane	3.279	101	261770	51.62	ug/l	96
8) Diethyl Ether	3.709	74	62510	43.00	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	149623	49.50	ug/l	99
10) Methyl Iodide	4.303	142	139164	45.50	ug/l	95
11) Tert butyl alcohol	5.215	59	31826	175.32	ug/l #	89
12) 1,1-Dichloroethene	4.073	96	140628	48.50	ug/l	87
13) Acrolein	3.920	56	47193	231.58	ug/l	98
14) Allyl chloride	4.720	41	224762	43.60	ug/l	96
15) Acrylonitrile	5.420	53	148910	213.94	ug/l	97
16) Acetone	4.150	43	148800	272.17	ug/l	95
17) Carbon Disulfide	4.409	76	470064	46.53	ug/l	100
18) Methyl Acetate	4.715	43	68153	42.18	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	272374	45.18	ug/l	97
20) Methylene Chloride	4.962	84	163725	45.66	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	164323	47.43	ug/l	99
22) Diisopropyl ether	6.362	45	469769	45.24	ug/l	96
23) Vinyl Acetate	6.303	43	1184253	224.40	ug/l	99
24) 1,1-Dichloroethane	6.262	63	287923	45.81	ug/l	95
25) 2-Butanone	7.209	43	174512	216.45	ug/l	97
26) 2,2-Dichloropropane	7.209	77	247989	50.08	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	174289	47.08	ug/l	97
28) Bromochloromethane	7.550	49	115259	48.64	ug/l	97
29) Tetrahydrofuran	7.556	42	116493	213.60	ug/l	99
30) Chloroform	7.708	83	295485	47.99	ug/l	95
31) Cyclohexane	7.985	56	261461	44.67	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	257317	48.79	ug/l	99
36) 1,1-Dichloropropene	8.108	75	233547	51.99	ug/l	99
37) Ethyl Acetate	7.285	43	85232	46.89	ug/l #	95
38) Carbon Tetrachloride	8.097	117	230185	53.65	ug/l	99
39) Methylcyclohexane	9.355	83	268010	52.04	ug/l	98
40) Benzene	8.350	78	656066	50.35	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	43469	42.49	ug/l	92
42) 1,2-Dichloroethane	8.426	62	174903	49.77	ug/l	99
43) Isopropyl Acetate	8.450	43	150094	44.99	ug/l	96
44) Trichloroethene	9.114	130	167129	51.16	ug/l	98
45) 1,2-Dichloropropane	9.385	63	164783	49.67	ug/l	98
46) Dibromomethane	9.479	93	83334	51.68	ug/l	99
47) Bromodichloromethane	9.661	83	224035	51.50	ug/l	99
48) Methyl methacrylate	9.455	41	82754	48.00	ug/l	99
49) 1,4-Dioxane	9.461	88	16530	938.88	ug/l	98
51) 4-Methyl-2-Pentanone	10.232	43	407463	235.87	ug/l	97
52) Toluene	10.402	92	417412	51.89	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	201079	51.10	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	244636	50.25	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	110976	49.24	ug/l	92
56) Ethyl methacrylate	10.661	69	127283	50.27	ug/l	96
57) 1,3-Dichloropropane	10.950	76	200821	50.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	342301	268.65	ug/l	100
59) 2-Hexanone	10.985	43	300809	264.97	ug/l	97
60) Dibromochloromethane	11.144	129	142365	51.00	ug/l	97
61) 1,2-Dibromoethane	11.244	107	108257	50.07	ug/l	98
64) Tetrachloroethene	10.879	164	139930	50.74	ug/l	95
65) Chlorobenzene	11.673	112	421382	49.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	156635	51.74	ug/l	98
67) Ethyl Benzene	11.749	91	777527	51.41	ug/l	99
68) m/p-Xylenes	11.855	106	603872	104.76	ug/l	100
69) o-Xylene	12.185	106	262742	50.94	ug/l	99
70) Styrene	12.197	104	460376	51.65	ug/l	100
71) Bromoform	12.361	173	73195	47.84	ug/l #	99
73) Isopropylbenzene	12.479	105	731555	51.27	ug/l	100
74) N-amyl acetate	12.291	43	139005	42.92	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.732	83	125708	47.49	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	94383m	58.32	ug/l	
77) Bromobenzene	12.761	156	161710	49.56	ug/l	98
78) n-propylbenzene	12.820	91	919383	51.84	ug/l	99
79) 2-Chlorotoluene	12.908	91	497155	49.61	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	619795	52.31	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	38878	49.24	ug/l	98
82) 4-Chlorotoluene	13.008	91	535339	50.84	ug/l	99
83) tert-Butylbenzene	13.226	119	503158	51.63	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	610142	51.34	ug/l	99
85) sec-Butylbenzene	13.402	105	738025	51.75	ug/l	100
86) p-Isopropyltoluene	13.514	119	658721	52.49	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	312468	48.15	ug/l	100
88) 1,4-Dichlorobenzene	13.596	146	311975	48.68	ug/l	99
89) n-Butylbenzene	13.843	91	655151	52.63	ug/l	99
90) Hexachloroethane	14.114	117	129275	50.41	ug/l	96
91) 1,2-Dichlorobenzene	13.891	146	271342	49.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	17385	41.95	ug/l	96
93) 1,2,4-Trichlorobenzene	15.161	180	159768	49.26	ug/l	99
94) Hexachlorobutadiene	15.267	225	97664	51.46	ug/l	96
95) Naphthalene	15.402	128	268499	46.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	137361	49.01	ug/l	93

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

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