

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067740.D
 Acq On : 23 Nov 2020 12:17
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:56:31 PM

Quant Time: Nov 24 00:46:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:34:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	276168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	393443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	353872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	181443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	133201	49.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.16%
35) Dibromofluoromethane	7.91	113	126465	50.21	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.42%
50) Toluene-d8	10.34	98	458945	50.20	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.40%
62) 4-Bromofluorobenzene	12.64	95	155305	49.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	123435	50.723	ug/l	100
3) Chloromethane	2.21	50	66166	47.841	ug/l	100
4) Vinyl Chloride	2.35	62	81820	47.396	ug/l	100
5) Bromomethane	2.77	94	66948	45.282	ug/l	100
6) Chloroethane	2.92	64	53198	46.681	ug/l	100
7) Trichlorofluoromethane	3.27	101	252912	48.399	ug/l	100
8) Diethyl Ether	3.71	74	47778	45.306	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	117163	47.060	ug/l	100
10) Methyl Iodide	4.30	142	134430	52.627	ug/l	100
11) Tert butyl alcohol	5.22	59	32962	162.616	ug/l	100
12) 1,1-Dichloroethene	4.07	96	109094	47.645	ug/l	100
13) Acrolein	3.92	56	25658	229.028	ug/l	100
14) Allyl chloride	4.72	41	109370	49.711	ug/l	100
15) Acrylonitrile	5.43	53	87519	244.865	ug/l	100
16) Acetone	4.16	43	85446	237.660	ug/l	100
17) Carbon Disulfide	4.41	76	324989	48.432	ug/l	100
18) Methyl Acetate	4.72	43	32813	47.292	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	237768	48.557	ug/l	100
20) Methylene Chloride	4.96	84	129441	36.316	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	124639	48.631	ug/l	100
22) Diisopropyl ether	6.36	45	221797	51.223	ug/l	100
23) Vinyl Acetate	6.30	43	629069	255.855	ug/l	100
24) 1,1-Dichloroethane	6.26	63	181821	48.522	ug/l	100
25) 2-Butanone	7.21	43	91053	237.198	ug/l	100
26) 2,2-Dichloropropane	7.21	77	207880	47.380	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	133954	48.428	ug/l	100
28) Bromochloromethane	7.55	49	58738	49.090	ug/l	100
29) Tetrahydrofuran	7.56	42	56201	249.769	ug/l	100
30) Chloroform	7.71	83	229001	47.122	ug/l	100
31) Cyclohexane	7.98	56	152541	47.081	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	245503	47.412	ug/l	100
36) 1,1-Dichloropropene	8.11	75	166281	48.819	ug/l	100
37) Ethyl Acetate	7.30	43	45116	50.424	ug/l	100
38) Carbon Tetrachloride	8.10	117	240776	48.177	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	203773	50.377	ug/l	100
40) Benzene	8.36	78	454403	48.375	ug/l	100
41) Methacrylonitrile	7.53	41	24188	58.208	ug/l	100
42) 1,2-Dichloroethane	8.43	62	150711	47.758	ug/l	100
43) Isopropyl Acetate	8.46	43	88743	49.017	ug/l	100
44) Trichloroethene	9.11	130	149460	47.724	ug/l	100
45) 1,2-Dichloropropane	9.39	63	90298	47.279	ug/l	100
46) Dibromomethane	9.48	93	62442	48.680	ug/l	100
47) Bromodichloromethane	9.67	83	177870	49.060	ug/l	100
48) Methyl methacrylate	9.46	41	43361	48.349	ug/l	100
49) 1,4-Dioxane	9.47	88	13561	974.742	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	210102	248.716	ug/l	100
52) Toluene	10.41	92	311173	49.108	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	154820	49.028	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	171347	47.930	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	83551	47.979	ug/l	100
56) Ethyl methacrylate	10.67	69	89195	49.559	ug/l	100
57) 1,3-Dichloropropane	10.95	76	129461	47.464	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	227284	270.416	ug/l	100
59) 2-Hexanone	10.99	43	149019	247.189	ug/l	100
60) Dibromochloromethane	11.14	129	127766	48.132	ug/l	100
61) 1,2-Dibromoethane	11.25	107	83522	48.507	ug/l	100
64) Tetrachloroethene	10.88	164	132244	47.528	ug/l	100
65) Chlorobenzene	11.67	112	346393	49.419	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	138512	49.327	ug/l	100
67) Ethyl Benzene	11.75	91	611229	50.802	ug/l	100
68) m/p-Xylenes	11.86	106	468306	99.549	ug/l	100
69) o-Xylene	12.18	106	216044	50.506	ug/l	100
70) Styrene	12.20	104	367970	49.796	ug/l	100
71) Bromoform	12.37	173	73019	47.762	ug/l #	100
73) Isopropylbenzene	12.48	105	609924	50.109	ug/l	100
74) N-amyl acetate	12.29	43	77912	49.409	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	74869	46.154	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	60775m	42.979	ug/l	
77) Bromobenzene	12.77	156	147468	48.658	ug/l	100
78) n-propylbenzene	12.83	91	678735	50.278	ug/l	100
79) 2-Chlorotoluene	12.91	91	395085	49.745	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	534074	49.986	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	26787	49.470	ug/l	100
82) 4-Chlorotoluene	13.01	91	418944	49.429	ug/l	100
83) tert-Butylbenzene	13.23	119	463761	51.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	530443	50.461	ug/l	100
85) sec-Butylbenzene	13.41	105	599067	50.385	ug/l	100
86) p-Isopropyltoluene	13.52	119	578470	50.308	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	276005	46.734	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	281375	47.809	ug/l	100
89) n-Butylbenzene	13.84	91	496919	50.483	ug/l	100
90) Hexachloroethane	14.11	117	106544	48.625	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	242892	47.821	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16523	47.861	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	178286	49.565	ug/l	100
94) Hexachlorobutadiene	15.27	225	112658	48.826	ug/l	100
95) Naphthalene	15.40	128	288285	49.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	153262	50.179	ug/l	100

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

