

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064517.D
 Acq On : 10 Nov 2020 11:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:01:17 PM

Quant Time: Nov 11 02:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	321792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	537088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	528234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	254160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	267818	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	7.55	113	187287	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.06	98	708040	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.38	95	271705	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	195619	46.699	ug/l	97
3) Chloromethane	2.04	50	232773	45.749	ug/l	99
4) Vinyl Chloride	2.16	62	250865	48.013	ug/l	99
5) Bromomethane	2.53	94	160744	48.157	ug/l	99
6) Chloroethane	2.67	64	167106	49.954	ug/l	93
7) Trichlorofluoromethane	2.98	101	391976	50.948	ug/l	99
8) Diethyl Ether	3.37	74	139346	51.288	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	178931	48.975	ug/l	100
10) Methyl Iodide	3.90	142	211107	49.727	ug/l	99
11) Tert butyl alcohol	4.76	59	165233	267.312	ug/l	99
12) 1,1-Dichloroethene	3.69	96	166520	48.386	ug/l	97
13) Acrolein	3.56	56	86257	224.969	ug/l	98
14) Allyl chloride	4.27	41	321537	47.761	ug/l	98
15) Acrylonitrile	4.94	53	471524	273.992	ug/l	99
16) Acetone	3.78	43	562796	263.593	ug/l	100
17) Carbon Disulfide	4.00	76	489474	47.560	ug/l	98
18) Methyl Acetate	4.28	43	219327	52.251	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	603726	48.742	ug/l	100
20) Methylene Chloride	4.50	84	199836	47.173	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	188510	48.243	ug/l	97
22) Diisopropyl ether	5.91	45	684834	47.921	ug/l	97
23) Vinyl Acetate	5.85	43	2947188	253.509	ug/l	99
24) 1,1-Dichloroethane	5.79	63	376197	47.906	ug/l	99
25) 2-Butanone	6.79	43	750350	275.822	ug/l	97
26) 2,2-Dichloropropane	6.78	77	347251	48.848	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	218419	48.239	ug/l	96
28) Bromochloromethane	7.15	49	182823	47.364	ug/l	100
29) Tetrahydrofuran	7.17	42	453795	271.891	ug/l	98
30) Chloroform	7.33	83	405162	49.083	ug/l	99
31) Cyclohexane	7.61	56	302217	44.355	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	362786	49.552	ug/l	98
36) 1,1-Dichloropropene	7.75	75	297838	52.492	ug/l	100
37) Ethyl Acetate	6.89	43	299152	51.918	ug/l	99
38) Carbon Tetrachloride	7.73	117	319929	52.758	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	264787	52.059	ug/l	95
40) Benzene	8.00	78	841944	50.498	ug/l	99
41) Methacrylonitrile	7.13	41	135430	53.837	ug/l	94
42) 1,2-Dichloroethane	8.09	62	353337	52.513	ug/l	98
43) Isopropyl Acetate	8.13	43	491844	53.490	ug/l	98
44) Trichloroethene	8.80	130	214440	50.977	ug/l	99
45) 1,2-Dichloropropane	9.08	63	231954	52.139	ug/l	96
46) Dibromomethane	9.17	93	159705	54.534	ug/l	98
47) Bromodichloromethane	9.37	83	342469	54.386	ug/l	98
48) Methyl methacrylate	9.17	41	253925	54.726	ug/l	100
49) 1,4-Dioxane	9.17	88	76057	1244.513	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1574868	293.691	ug/l	99
52) Toluene	10.13	92	541117	53.212	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	354808	53.148	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	372970	52.253	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	214547	54.098	ug/l	99
56) Ethyl methacrylate	10.40	69	315488	48.411	ug/l	99
57) 1,3-Dichloropropane	10.68	76	372587	53.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	839556	270.377	ug/l	97
59) 2-Hexanone	10.72	43	1185305	270.732	ug/l	99
60) Dibromochloromethane	10.87	129	250535	56.424	ug/l	100
61) 1,2-Dibromoethane	10.98	107	222010	55.190	ug/l	100
64) Tetrachloroethene	10.60	164	199631	49.062	ug/l	97
65) Chlorobenzene	11.41	112	572006	49.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	221566	51.287	ug/l	98
67) Ethyl Benzene	11.49	91	1054590	51.199	ug/l	98
68) m/p-Xylenes	11.59	106	776578	103.959	ug/l	97
69) o-Xylene	11.92	106	370992	51.395	ug/l	99
70) Styrene	11.94	104	647188	53.281	ug/l	99
71) Bromoform	12.10	173	165273	50.926	ug/l #	99
73) Isopropylbenzene	12.23	105	969609	47.997	ug/l	100
74) N-amyl acetate	12.04	43	446161	45.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	311337	50.176	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	300450m	48.790	ug/l	
77) Bromobenzene	12.50	156	234513	47.549	ug/l	99
78) n-propylbenzene	12.57	91	1165845	50.620	ug/l	98
79) 2-Chlorotoluene	12.65	91	716735	49.067	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	840932	50.459	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	112786	51.138	ug/l	99
82) 4-Chlorotoluene	12.75	91	763401	49.903	ug/l	100
83) tert-Butylbenzene	12.97	119	644890	49.546	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	850387	50.759	ug/l	99
85) sec-Butylbenzene	13.15	105	861486	52.260	ug/l	99
86) p-Isopropyltoluene	13.26	119	776604	52.376	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	429646	50.394	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	434992	49.371	ug/l	98
89) n-Butylbenzene	13.59	91	676712	53.081	ug/l	100
90) Hexachloroethane	13.85	117	152042	53.156	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	425040	51.828	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67134	54.343	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192276	47.297	ug/l	99
94) Hexachlorobutadiene	14.98	225	89422	53.555	ug/l	99
95) Naphthalene	15.10	128	627277	45.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	189666	48.177	ug/l	100

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

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