

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062370.D
 Acq On : 6 Jul 2020 17:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:12 AM

Quant Time: Jul 07 05:31:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	1110843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1860201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1758356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	861425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	946299	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	7.55	113	622847	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	10.06	98	2374838	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.37	95	913188	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	607030	48.290	ug/l	100
3) Chloromethane	2.03	50	874395	46.821	ug/l	99
4) Vinyl Chloride	2.16	62	736647	46.193	ug/l	100
5) Bromomethane	2.52	94	417072	50.433	ug/l	99
6) Chloroethane	2.66	64	443373	47.824	ug/l	97
7) Trichlorofluoromethane	2.98	101	1095622	49.776	ug/l	99
8) Diethyl Ether	3.37	74	407485	47.918	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	589818	47.958	ug/l	100
10) Methyl Iodide	3.91	142	714086	48.359	ug/l	99
11) Tert butyl alcohol	4.73	59	693581	249.322	ug/l	99
12) 1,1-Dichloroethene	3.69	96	546935	47.906	ug/l	99
13) Acrolein	3.56	56	254831	215.824	ug/l	99
14) Allyl chloride	4.27	41	1394028	50.104	ug/l	99
15) Acrylonitrile	4.93	53	1847518	252.866	ug/l	99
16) Acetone	3.77	43	1870280	201.891	ug/l	98
17) Carbon Disulfide	4.01	76	1669071	46.172	ug/l	100
18) Methyl Acetate	4.27	43	954532	51.707	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	2190132	50.125	ug/l	99
20) Methylene Chloride	4.50	84	686418	50.647	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	604657	47.957	ug/l	98
22) Diisopropyl ether	5.90	45	2797753	50.275	ug/l	99
23) Vinyl Acetate	5.84	43	11461732	257.008	ug/l	100
24) 1,1-Dichloroethane	5.79	63	1352993	49.062	ug/l	100
25) 2-Butanone	6.78	43	2843335	243.726	ug/l	100
26) 2,2-Dichloropropane	6.77	77	1108928	48.819	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	699251	48.416	ug/l	99
28) Bromochloromethane	7.14	49	785082	50.945	ug/l	97
29) Tetrahydrofuran	7.16	42	1901758	256.479	ug/l	99
30) Chloroform	7.33	83	1284869	47.876	ug/l	97
31) Cyclohexane	7.61	56	1214463	47.663	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	1100695	48.809	ug/l	100
36) 1,1-Dichloropropene	7.75	75	973656	49.812	ug/l	99
37) Ethyl Acetate	6.88	43	1199729	51.738	ug/l	98
38) Carbon Tetrachloride	7.73	117	977878	49.749	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1052734	50.081	ug/l	96
40) Benzene	8.00	78	2772606	49.932	ug/l	99
41) Methacrylonitrile	7.12	41	547696	46.791	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	1203249	49.182	ug/l	100
43) Isopropyl Acetate	8.12	43	1986659	51.258	ug/l	99
44) Trichloroethene	8.80	130	654061	49.270	ug/l	98
45) 1,2-Dichloropropane	9.08	63	812478	49.917	ug/l	100
46) Dibromomethane	9.17	93	501162	49.748	ug/l	99
47) Bromodichloromethane	9.37	83	1047975	48.805	ug/l	99
48) Methyl methacrylate	9.17	41	1001710	50.638	ug/l	100
49) 1,4-Dioxane	9.17	88	259588	966.261	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	5696545	259.204	ug/l	100
52) Toluene	10.12	92	1711420	51.541	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	1192036	51.594	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1239927	50.296	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	667391	50.156	ug/l	98
56) Ethyl methacrylate	10.40	69	1124295	52.460	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1214131	49.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2058112	266.997	ug/l	99
59) 2-Hexanone	10.72	43	4324369	275.286	ug/l	99
60) Dibromochloromethane	10.87	129	769866	50.807	ug/l	99
61) 1,2-Dibromoethane	10.98	107	684198	50.087	ug/l	98
64) Tetrachloroethene	10.60	164	537327	47.494	ug/l	96
65) Chlorobenzene	11.40	112	1777729	49.295	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	685530	50.553	ug/l	99
67) Ethyl Benzene	11.48	91	3317356	52.094	ug/l	99
68) m/p-Xylenes	11.59	106	2473729	105.685	ug/l	100
69) o-Xylene	11.92	106	1178238	51.177	ug/l	99
70) Styrene	11.94	104	2036325	53.526	ug/l	99
71) Bromoform	12.10	173	529567	49.738	ug/l #	99
73) Isopropylbenzene	12.22	105	3195932	49.934	ug/l	100
74) N-amyl acetate	12.04	43	1784992	52.129	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1050405	47.132	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	997646m	47.948	ug/l	
77) Bromobenzene	12.50	156	751754	49.917	ug/l	96
78) n-propylbenzene	12.56	91	3785929	50.567	ug/l	100
79) 2-Chlorotoluene	12.65	91	2281817	49.321	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2749202	51.300	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	358893	49.327	ug/l	100
82) 4-Chlorotoluene	12.75	91	2398431	50.685	ug/l	99
83) tert-Butylbenzene	12.97	119	2322880	51.147	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	2746039	51.834	ug/l	100
85) sec-Butylbenzene	13.15	105	3078583	52.919	ug/l	99
86) p-Isopropyltoluene	13.26	119	2780629	53.034	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1366865	50.428	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1369651	48.897	ug/l	100
89) n-Butylbenzene	13.59	91	2466702	54.483	ug/l	100
90) Hexachloroethane	13.85	117	518191	46.219	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	1332155	51.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	202868	46.448	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	662757	48.135	ug/l	99
94) Hexachlorobutadiene	14.98	225	360768	52.597	ug/l	98
95) Naphthalene	15.10	128	1750266	47.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	654367	52.374	ug/l	99

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

