

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063087.D
 Acq On : 24 Aug 2020 11:43
 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
 8/25/2020 12:14:45 PM

Quant Time: Aug 24 13:56:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	115389	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.55	113	95293	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.06	98	367679	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.37	95	130393	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123723	47.917	ug/l	99
3) Chloromethane	2.03	50	130434	48.122	ug/l	100
4) Vinyl Chloride	2.16	62	128599	49.060	ug/l	98
5) Bromomethane	2.52	94	77359	49.721	ug/l	99
6) Chloroethane	2.66	64	76791	49.618	ug/l	98
7) Trichlorofluoromethane	2.98	101	157518	48.187	ug/l	99
8) Diethyl Ether	3.37	74	53688	46.426	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	80473	45.686	ug/l	98
10) Methyl Iodide	3.91	142	104080	46.616	ug/l	100
11) Tert butyl alcohol	4.73	59	53920	162.478	ug/l	100
12) 1,1-Dichloroethene	3.69	96	70902	42.254	ug/l	96
13) Acrolein	3.57	56	6580	63.292	ug/l	98
14) Allyl chloride	4.27	41	131807	44.550	ug/l	98
15) Acrylonitrile	4.93	53	237318	243.303	ug/l	100
16) Acetone	3.77	43	223412	306.681	ug/l	98
17) Carbon Disulfide	4.00	76	182027	41.421	ug/l	97
18) Methyl Acetate	4.28	43	111167	47.746	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	294777	50.373	ug/l	98
20) Methylene Chloride	4.50	84	96061	46.409	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	79471	45.256	ug/l	98
22) Diisopropyl ether	5.90	45	336131	50.065	ug/l	97
23) Vinyl Acetate	5.84	43	1085668	239.631	ug/l	100
24) 1,1-Dichloroethane	5.80	63	174151	46.419	ug/l	99
25) 2-Butanone	6.78	43	302366	243.090	ug/l	98
26) 2,2-Dichloropropane	6.77	77	142828	48.408	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	101857	46.277	ug/l	99
28) Bromochloromethane	7.15	49	97007	49.417	ug/l	99
29) Tetrahydrofuran	7.17	42	187757	233.884	ug/l	99
30) Chloroform	7.33	83	176738	46.775	ug/l	99
31) Cyclohexane	7.61	56	151938	44.001	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	143462	46.507	ug/l	98
36) 1,1-Dichloropropene	7.75	75	118919	47.075	ug/l	99
37) Ethyl Acetate	6.88	43	110335	46.613	ug/l	99
38) Carbon Tetrachloride	7.73	117	120598	47.287	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	142255	41.969	ug/l	99
40) Benzene	8.00	78	379737	47.395	ug/l	100
41) Methacrylonitrile	7.12	41	56534	50.129	ug/l #	94
42) 1,2-Dichloroethane	8.08	62	133067	49.463	ug/l	100
43) Isopropyl Acetate	8.12	43	188258	48.007	ug/l	99
44) Trichloroethene	8.80	130	93596	46.963	ug/l	96
45) 1,2-Dichloropropane	9.08	63	112383	48.525	ug/l	97
46) Dibromomethane	9.17	93	66706	49.858	ug/l	99
47) Bromodichloromethane	9.37	83	145354	49.603	ug/l	99
48) Methyl methacrylate	9.17	41	93097	50.175	ug/l	99
49) 1,4-Dioxane	9.17	88	22103	548.360	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	619083	249.760	ug/l	100
52) Toluene	10.12	92	239716	49.598	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	157180	51.869	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	171774	51.673	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	103120	49.898	ug/l	100
56) Ethyl methacrylate	10.40	69	147375	46.306	ug/l	100
57) 1,3-Dichloropropane	10.68	76	170487	49.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	162561	211.466	ug/l	99
59) 2-Hexanone	10.72	43	445162	257.473	ug/l	99
60) Dibromochloromethane	10.87	129	114537	50.081	ug/l	99
61) 1,2-Dibromoethane	10.98	107	101805	51.268	ug/l	98
64) Tetrachloroethene	10.60	164	83900	46.008	ug/l	97
65) Chlorobenzene	11.41	112	267242	47.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	104915	48.412	ug/l	99
67) Ethyl Benzene	11.48	91	465170	49.410	ug/l	100
68) m/p-Xylenes	11.60	106	357298	102.113	ug/l	99
69) o-Xylene	11.92	106	169962	50.583	ug/l	100
70) Styrene	11.94	104	307171	46.218	ug/l	100
71) Bromoform	12.10	173	86109	49.919	ug/l #	100
73) Isopropylbenzene	12.22	105	456007	48.825	ug/l	100
74) N-amyl acetate	12.05	43	173289	51.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	151349	50.227	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	127194m	47.980	ug/l	
77) Bromobenzene	12.50	156	124449	48.449	ug/l	98
78) n-propylbenzene	12.57	91	530414	49.826	ug/l	100
79) 2-Chlorotoluene	12.65	91	316300	47.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	385542	49.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50203	52.011	ug/l	99
82) 4-Chlorotoluene	12.75	91	339820	49.841	ug/l	100
83) tert-Butylbenzene	12.97	119	322068	48.332	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	377949	50.250	ug/l	98
85) sec-Butylbenzene	13.15	105	421303	46.781	ug/l	100
86) p-Isopropyltoluene	13.26	119	375367	47.836	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	216004	48.931	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	216754	48.377	ug/l	99
89) n-Butylbenzene	13.59	91	292705	39.946	ug/l	99
90) Hexachloroethane	13.85	117	73226	43.904	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	209156	49.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24527	52.145	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	96570	41.687	ug/l	99
94) Hexachlorobutadiene	14.98	225	59181	37.559	ug/l	100
95) Naphthalene	15.10	128	226145	42.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	92080	40.553	ug/l	100

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

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