

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062457.D
 Acq On : 9 Jul 2020 15:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:24:04 AM

Quant Time: Jul 10 01:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	226446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	384698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	354801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	169326	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.54	113	120295	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.06	98	477180	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.38	95	179498	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123840	53.690	ug/l	97
3) Chloromethane	2.04	50	179131	48.400	ug/l	100
4) Vinyl Chloride	2.16	62	166531	54.921	ug/l	99
5) Bromomethane	2.52	94	68917	42.319	ug/l	96
6) Chloroethane	2.66	64	100713	57.028	ug/l	97
7) Trichlorofluoromethane	2.98	101	210142	54.568	ug/l	100
8) Diethyl Ether	3.37	74	96929	56.289	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	131745	57.711	ug/l	99
10) Methyl Iodide	3.91	142	109894	36.457	ug/l	99
11) Tert butyl alcohol	4.73	59	149425	258.622	ug/l	100
12) 1,1-Dichloroethene	3.69	96	126671	54.500	ug/l	98
13) Acrolein	3.56	56	94927	227.756	ug/l	100
14) Allyl chloride	4.27	41	284393	52.027	ug/l	96
15) Acrylonitrile	4.92	53	399798	263.840	ug/l	100
16) Acetone	3.77	43	437117	295.601	ug/l	100
17) Carbon Disulfide	4.00	76	375154	51.511	ug/l	100
18) Methyl Acetate	4.27	43	183375	49.691	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	489139	55.508	ug/l	99
20) Methylene Chloride	4.50	84	158587	50.159	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	137464	54.593	ug/l	96
22) Diisopropyl ether	5.90	45	580669	53.767	ug/l	97
23) Vinyl Acetate	5.84	43	2415778	270.031	ug/l	100
24) 1,1-Dichloroethane	5.79	63	302936	54.284	ug/l	100
25) 2-Butanone	6.78	43	582988	269.951	ug/l	99
26) 2,2-Dichloropropane	6.77	77	247436	57.827	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	162632	55.763	ug/l	99
28) Bromochloromethane	7.15	49	153721	50.701	ug/l	97
29) Tetrahydrofuran	7.17	42	368724	253.599	ug/l	99
30) Chloroform	7.33	83	281373	55.841	ug/l	99
31) Cyclohexane	7.61	56	268096	50.675	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	234032	55.837	ug/l	99
36) 1,1-Dichloropropene	7.75	75	216688	55.908	ug/l	99
37) Ethyl Acetate	6.88	43	229085	50.548	ug/l	99
38) Carbon Tetrachloride	7.73	117	199132	57.148	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	248113	59.963	ug/l	97
40) Benzene	8.00	78	632696	55.389	ug/l	99
41) Methacrylonitrile	7.12	41	117722	62.172	ug/l	91
42) 1,2-Dichloroethane	8.08	62	238376	56.993	ug/l	100
43) Isopropyl Acetate	8.12	43	389955	54.468	ug/l	98
44) Trichloroethene	8.80	130	146094	57.645	ug/l	99
45) 1,2-Dichloropropane	9.08	63	185786	56.027	ug/l	99
46) Dibromomethane	9.17	93	106978	57.168	ug/l	98
47) Bromodichloromethane	9.37	83	227893	56.962	ug/l	100
48) Methyl methacrylate	9.17	41	191576	54.551	ug/l	99
49) 1,4-Dioxane	9.17	88	54998	1075.954	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1161763	271.687	ug/l	99
52) Toluene	10.12	92	383011	58.050	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	265361	59.203	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	283692	57.364	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	149436	57.586	ug/l	98
56) Ethyl methacrylate	10.40	69	255868	53.454	ug/l	99
57) 1,3-Dichloropropane	10.68	76	273536	57.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	526981	342.303	ug/l	97
59) 2-Hexanone	10.72	43	864395	278.448	ug/l	98
60) Dibromochloromethane	10.87	129	164078	58.314	ug/l	99
61) 1,2-Dibromoethane	10.98	107	150501	57.453	ug/l	99
64) Tetrachloroethene	10.60	164	117732	55.919	ug/l	99
65) Chlorobenzene	11.41	112	395921	57.416	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	146806	57.732	ug/l	99
67) Ethyl Benzene	11.48	91	752850	58.163	ug/l	98
68) m/p-Xylenes	11.59	106	546829	119.338	ug/l	97
69) o-Xylene	11.92	106	261316	58.573	ug/l	100
70) Styrene	11.94	104	450831	61.143	ug/l	99
71) Bromoform	12.10	173	109872	58.940	ug/l #	99
73) Isopropylbenzene	12.22	105	712191	56.112	ug/l	100
74) N-amyl acetate	12.04	43	352145	57.003	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	228591	53.565	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	199525m	49.578	ug/l	
77) Bromobenzene	12.50	156	160625	55.667	ug/l	97
78) n-propylbenzene	12.57	91	850260	57.350	ug/l	100
79) 2-Chlorotoluene	12.65	91	503816	55.991	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	602222	57.879	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	77420	51.490	ug/l	99
82) 4-Chlorotoluene	12.75	91	530853	58.111	ug/l	100
83) tert-Butylbenzene	12.97	119	501469	56.793	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	607744	58.764	ug/l	99
85) sec-Butylbenzene	13.15	105	683448	58.412	ug/l	100
86) p-Isopropyltoluene	13.26	119	606131	60.022	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	296195	59.503	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	290911	56.797	ug/l	99
89) n-Butylbenzene	13.59	91	551788	61.883	ug/l	99
90) Hexachloroethane	13.85	117	109320	55.031	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	279346	58.041	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	42860	55.034	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	145927	54.912	ug/l	99
94) Hexachlorobutadiene	14.98	225	76525	59.884	ug/l	99
95) Naphthalene	15.10	128	383190	59.620	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	142571	54.691	ug/l	99

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

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