

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050689.D
 Acq On : 16 Aug 2018 9:06
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 17 02:58:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	669170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	915861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	468017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	391459	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	7.59	113	367415	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.09	98	1413629	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.40	95	475673	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	337942	44.80	ug/l	98
3) Chloromethane	2.06	50	434375	47.22	ug/l	100
4) Vinyl Chloride	2.18	62	446790	44.58	ug/l	99
5) Bromomethane	2.56	94	257525	47.72	ug/l	98
6) Chloroethane	2.70	64	272770	48.95	ug/l	99
7) Trichlorofluoromethane	3.01	101	590870	44.93	ug/l	99
8) Diethyl Ether	3.41	74	200248	45.78	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	375005	47.16	ug/l	99
10) Methyl Iodide	3.95	142	272096	48.39	ug/l	100
11) Tert butyl alcohol	4.79	59	103108	223.87	ug/l	100
12) 1,1-Dichloroethene	3.73	96	324897	44.75	ug/l	100
13) Acrolein	3.61	56	29088	162.25	ug/l	96
14) Allyl chloride	4.32	41	529415	46.87	ug/l	99
15) Acrylonitrile	4.99	53	589935	233.22	ug/l	99
16) Acetone	3.81	43	537191	255.09	ug/l	99
17) Carbon Disulfide	4.05	76	1017923	44.55	ug/l	100
18) Methyl Acetate	4.33	43	282560	47.65	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	884673	47.87	ug/l	100
20) Methylene Chloride	4.55	84	390171	48.63	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	365758	46.46	ug/l	97
22) Diisopropyl ether	5.95	45	1132755	48.92	ug/l	98
23) Vinyl Acetate	5.90	43	3735086	246.58	ug/l	99
24) 1,1-Dichloroethane	5.85	63	675556	45.09	ug/l	99
25) 2-Butanone	6.84	43	845287	244.42	ug/l	100
26) 2,2-Dichloropropane	6.82	77	562596	56.10	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	409060	46.67	ug/l	98
28) Bromochloromethane	7.19	49	328408	48.16	ug/l	99
29) Tetrahydrofuran	7.21	42	431406	238.90	ug/l	100
30) Chloroform	7.37	83	680273	44.80	ug/l	99
31) Cyclohexane	7.65	56	615765	48.15	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	580149	45.39	ug/l	99
36) 1,1-Dichloropropene	7.79	75	536254	52.60	ug/l	99
37) Ethyl Acetate	6.93	43	299909	52.04	ug/l	100
38) Carbon Tetrachloride	7.77	117	523634	49.51	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	594982	56.37	ug/l	98
40) Benzene	8.04	78	1584697	51.09	ug/l	99
41) Methacrylonitrile	7.17	41	145755	46.78	ug/l	91
42) 1,2-Dichloroethane	8.13	62	476933	50.17	ug/l	100
43) Isopropyl Acetate	8.17	43	520705	49.58	ug/l	99
44) Trichloroethene	8.83	130	414017	49.83	ug/l	99
45) 1,2-Dichloropropane	9.12	63	418979	50.74	ug/l	99
46) Dibromomethane	9.21	93	242915	49.82	ug/l	98
47) Bromodichloromethane	9.40	83	518120	49.72	ug/l	99
48) Methyl methacrylate	9.20	41	262300	49.63	ug/l	98
49) 1,4-Dioxane	9.20	88	72452	1040.70	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1874116	263.85	ug/l	100
52) Toluene	10.16	92	995179	53.74	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	529674	54.57	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	609671	54.75	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	348897	50.43	ug/l	99
56) Ethyl methacrylate	10.43	69	430976	48.88	ug/l	99
57) 1,3-Dichloropropane	10.71	76	583774	51.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1028234	243.51	ug/l	99
59) 2-Hexanone	10.75	43	1281605	279.56	ug/l	99
60) Dibromochloromethane	10.90	129	392214	51.37	ug/l	99
61) 1,2-Dibromoethane	11.00	107	340845	51.73	ug/l	100
64) Tetrachloroethene	10.63	164	384173	47.89	ug/l	99
65) Chlorobenzene	11.43	112	1082115	50.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	396135	49.16	ug/l	100
67) Ethyl Benzene	11.51	91	1873254	53.97	ug/l	100
68) m/p-Xylenes	11.62	106	1465355	110.38	ug/l	100
69) o-Xylene	11.95	106	685670	54.17	ug/l	99
70) Styrene	11.96	104	1156895	51.36	ug/l	99
71) Bromoform	12.13	173	270597	50.64	ug/l	# 100
73) Isopropylbenzene	12.25	105	1852524	50.66	ug/l	99
74) N-amyl acetate	12.07	43	461910	48.55	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	432839	51.03	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	524932	69.83	ug/l	# 100
77) Bromobenzene	12.53	156	470371	47.38	ug/l	100
78) n-propylbenzene	12.59	91	2158305	52.93	ug/l	99
79) 2-Chlorotoluene	12.67	91	1264087	49.72	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1546234	52.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	112884	53.62	ug/l	98
82) 4-Chlorotoluene	12.77	91	1297173	51.64	ug/l	100
83) tert-Butylbenzene	12.99	119	1302589	51.25	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1576585	53.65	ug/l	100
85) sec-Butylbenzene	13.17	105	1768903	53.26	ug/l	100
86) p-Isopropyltoluene	13.29	119	1559980	55.43	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	841614	49.80	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	822479	49.03	ug/l	100
89) n-Butylbenzene	13.62	91	1283812	56.49	ug/l	99
90) Hexachloroethane	13.88	117	271465	47.97	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	802315	48.66	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61936	47.47	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	400070	47.42	ug/l	100
94) Hexachlorobutadiene	15.01	225	252951	50.04	ug/l	99
95) Naphthalene	15.13	128	769963	43.33	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	379887	48.14	ug/l	98

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

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