

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050130.D
 Acq On : 27 Jul 2018 15:08
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 1:37:17 PM

Quant Time: Jul 27 23:41:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	785467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1033991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	558911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	528459	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.59	113	477635	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.09	98	1768861	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.40	95	616750	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	537672	47.641	ug/l	99
3) Chloromethane	2.06	50	481307	39.233	ug/l	100
4) Vinyl Chloride	2.18	62	557289	43.137	ug/l	98
5) Bromomethane	2.55	94	203076	27.864	ug/l	98
6) Chloroethane	2.69	64	330309	42.573	ug/l	98
7) Trichlorofluoromethane	3.01	101	751132	44.881	ug/l	99
8) Diethyl Ether	3.41	74	263142	47.164	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	458727	45.581	ug/l	99
10) Methyl Iodide	3.95	142	296221	22.933	ug/l	97
11) Tert butyl alcohol	4.80	59	200576	248.745	ug/l	100
12) 1,1-Dichloroethene	3.73	96	413249	45.648	ug/l	97
13) Acrolein	3.61	56	72320	111.629	ug/l	98
14) Allyl chloride	4.32	41	661273	47.107	ug/l	99
15) Acrylonitrile	4.99	53	806639	229.289	ug/l	99
16) Acetone	3.82	43	663146	257.016	ug/l	100
17) Carbon Disulfide	4.05	76	1149520	41.448	ug/l	99
18) Methyl Acetate	4.33	43	506987	50.511	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1229638	50.969	ug/l	99
20) Methylene Chloride	4.55	84	457953	47.056	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	440290	45.898	ug/l	99
22) Diisopropyl ether	5.96	45	1380631	49.602	ug/l	98
23) Vinyl Acetate	5.90	43	4779244	242.973	ug/l	100
24) 1,1-Dichloroethane	5.85	63	827708	45.476	ug/l	99
25) 2-Butanone	6.84	43	1015427	242.920	ug/l	98
26) 2,2-Dichloropropane	6.83	77	700579	50.597	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	506779	49.076	ug/l	100
28) Bromochloromethane	7.20	49	391330	47.138	ug/l	96
29) Tetrahydrofuran	7.22	42	640931	237.282	ug/l	98
30) Chloroform	7.37	83	840499	45.253	ug/l	100
31) Cyclohexane	7.65	56	700792	46.422	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	733089	46.143	ug/l	100
36) 1,1-Dichloropropene	7.79	75	634716	49.884	ug/l	99
37) Ethyl Acetate	6.93	43	423899	47.783	ug/l	100
38) Carbon Tetrachloride	7.78	117	649226	48.087	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	696460	53.207	ug/l	99
40) Benzene	8.04	78	1894683	48.935	ug/l	100
41) Methacrylonitrile	7.18	41	255695	55.046	ug/l #	75
42) 1,2-Dichloroethane	8.13	62	614976	47.609	ug/l	100
43) Isopropyl Acetate	8.17	43	799647	47.782	ug/l #	89
44) Trichloroethene	8.84	130	504616	48.502	ug/l	99
45) 1,2-Dichloropropane	9.12	63	493673	48.138	ug/l	98
46) Dibromomethane	9.21	93	308738	48.484	ug/l	98
47) Bromodichloromethane	9.40	83	651968	48.510	ug/l	100
48) Methyl methacrylate	9.20	41	397079	51.972	ug/l	98
49) 1,4-Dioxane	9.20	88	110257	1060.423	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2210525	253.475	ug/l	100
52) Toluene	10.16	92	1187014	51.936	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	674094	53.153	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	754896	52.083	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	443580	48.931	ug/l	99
56) Ethyl methacrylate	10.43	69	592619	48.329	ug/l	99
57) 1,3-Dichloropropane	10.71	76	742131	50.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1395738	243.504	ug/l	99
59) 2-Hexanone	10.75	43	1523701	238.026	ug/l	99
60) Dibromochloromethane	10.90	129	510035	50.816	ug/l	98
61) 1,2-Dibromoethane	11.01	107	448759	49.892	ug/l	99
64) Tetrachloroethene	10.63	164	471841	47.464	ug/l	98
65) Chlorobenzene	11.44	112	1295733	49.610	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	489332	48.760	ug/l	100
67) Ethyl Benzene	11.51	91	2258628	53.834	ug/l	100
68) m/p-Xylenes	11.62	106	1736073	109.397	ug/l	100
69) o-Xylene	11.95	106	832886	55.055	ug/l	99
70) Styrene	11.97	104	1358558	50.484	ug/l	99
71) Bromoform	12.13	173	368606	50.493	ug/l #	99
73) Isopropylbenzene	12.25	105	2249501	51.896	ug/l	100
74) N-amyl acetate	12.07	43	658013	49.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	582249	50.303	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	463232m	44.597	ug/l	
77) Bromobenzene	12.53	156	576580	47.993	ug/l	99
78) n-propylbenzene	12.59	91	2577109	53.191	ug/l	100
79) 2-Chlorotoluene	12.68	91	1531370	50.995	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1853061	54.348	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	163262	49.855	ug/l	99
82) 4-Chlorotoluene	12.78	91	1540551	51.804	ug/l	98
83) tert-Butylbenzene	12.99	119	1603444	53.888	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1888482	54.951	ug/l	100
85) sec-Butylbenzene	13.17	105	2157834	54.275	ug/l	100
86) p-Isopropyltoluene	13.29	119	1882813	56.203	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1023024	50.232	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	993396	50.044	ug/l	100
89) n-Butylbenzene	13.62	91	1547097	56.161	ug/l	99
90) Hexachloroethane	13.88	117	340574	45.785	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1001380	49.187	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	95442	49.407	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	528262	48.993	ug/l	98
94) Hexachlorobutadiene	15.01	225	310464	49.814	ug/l	100
95) Naphthalene	15.14	128	1203379	47.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	513154	48.850	ug/l	100

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

