

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050329.D
 Acq On : 3 Aug 2018 22:26
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 11:37:15 AM

Quant Time: Aug 04 01:48:12 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	601144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	820188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	451886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	419388	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	7.59	113	371424	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.09	98	1361296	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.40	95	469597	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	387178	44.83	ug/l	100
3) Chloromethane	2.06	50	370118	39.42	ug/l	99
4) Vinyl Chloride	2.18	62	413435	41.81	ug/l	98
5) Bromomethane	2.56	94	343752	62.87	ug/l	100
6) Chloroethane	2.70	64	249713	42.05	ug/l	98
7) Trichlorofluoromethane	3.01	101	570428	44.53	ug/l	100
8) Diethyl Ether	3.41	74	207716	48.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	349869	45.42	ug/l	100
10) Methyl Iodide	3.95	142	245669	24.85	ug/l	99
11) Tert butyl alcohol	4.80	59	175865	284.97	ug/l	99
12) 1,1-Dichloroethene	3.73	96	313788	45.29	ug/l	96
13) Acrolein	3.61	56	184283	371.67	ug/l	98
14) Allyl chloride	4.32	41	499569	46.50	ug/l	97
15) Acrylonitrile	4.99	53	723796	268.82	ug/l	99
16) Acetone	3.82	43	557498	282.76	ug/l	100
17) Carbon Disulfide	4.05	76	784948	36.98	ug/l	99
18) Methyl Acetate	4.33	43	531011	69.75	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	986049	53.40	ug/l	100
20) Methylene Chloride	4.55	84	370257	49.78	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	337008	45.90	ug/l	99
22) Diisopropyl ether	5.96	45	1139203	53.48	ug/l	99
23) Vinyl Acetate	5.90	43	3751690	249.22	ug/l	99
24) 1,1-Dichloroethane	5.85	63	661678	47.50	ug/l	99
25) 2-Butanone	6.84	43	886110	276.98	ug/l	100
26) 2,2-Dichloropropane	6.83	77	426169	40.22	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	392129	49.62	ug/l	98
28) Bromochloromethane	7.20	49	313054	49.27	ug/l	100
29) Tetrahydrofuran	7.22	42	585038	283.00	ug/l	99
30) Chloroform	7.37	83	691025	48.61	ug/l	98
31) Cyclohexane	7.66	56	519505	44.96	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	579202	47.63	ug/l	100
36) 1,1-Dichloropropene	7.79	75	488229	48.96	ug/l	99
37) Ethyl Acetate	6.93	43	367936	52.92	ug/l	99
38) Carbon Tetrachloride	7.78	117	500808	47.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	483214	47.10	ug/l	99
40) Benzene	8.04	78	1499374	49.41	ug/l	99
41) Methacrylonitrile	7.18	41	201730m	55.39	ug/l	
42) 1,2-Dichloroethane	8.13	62	500965	49.48	ug/l	100
43) Isopropyl Acetate	8.17	43	706559	54.01	ug/l	99
44) Trichloroethene	8.84	130	387048	47.46	ug/l	99
45) 1,2-Dichloropropane	9.12	63	408783	50.86	ug/l	98
46) Dibromomethane	9.21	93	250447	50.18	ug/l	98
47) Bromodichloromethane	9.40	83	526465	49.98	ug/l	99
48) Methyl methacrylate	9.20	41	342253	57.15	ug/l	100
49) 1,4-Dioxane	9.20	88	99652	1222.80	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1974930	288.93	ug/l	99
52) Toluene	10.16	92	925807	51.68	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	514777	51.79	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	577532	50.84	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	374379	52.69	ug/l	98
56) Ethyl methacrylate	10.43	69	490087	50.88	ug/l	99
57) 1,3-Dichloropropane	10.71	76	614185	53.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1145790	254.63	ug/l	100
59) 2-Hexanone	10.75	43	1383706	274.96	ug/l	99
60) Dibromochloromethane	10.90	129	413653	52.58	ug/l	98
61) 1,2-Dibromoethane	11.01	107	367070	52.07	ug/l	98
64) Tetrachloroethene	10.63	164	368659	46.75	ug/l	98
65) Chlorobenzene	11.44	112	1018996	49.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	396470	49.81	ug/l	100
67) Ethyl Benzene	11.51	91	1734168	52.11	ug/l	99
68) m/p-Xylenes	11.62	106	1348055	107.09	ug/l	100
69) o-Xylene	11.95	106	645265	53.77	ug/l	99
70) Styrene	11.97	104	1082887	50.73	ug/l	99
71) Bromoform	12.13	173	300577	51.91	ug/l #	99
73) Isopropylbenzene	12.25	105	1727242	49.28	ug/l	100
74) N-amyl acetate	12.07	43	566741	52.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	513165	55.00	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	434017m	51.68	ug/l	
77) Bromobenzene	12.53	156	458515	47.21	ug/l	99
78) n-propylbenzene	12.59	91	2009631	51.30	ug/l	100
79) 2-Chlorotoluene	12.68	91	1195388	49.23	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1456758	52.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	130132	49.15	ug/l	98
82) 4-Chlorotoluene	12.78	91	1220900	50.78	ug/l	99
83) tert-Butylbenzene	12.99	119	1240987	51.58	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1512122	54.42	ug/l	99
85) sec-Butylbenzene	13.17	105	1668118	51.89	ug/l	100
86) p-Isopropyltoluene	13.29	119	1462134	53.98	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	816814	49.61	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	804014	50.10	ug/l	99
89) n-Butylbenzene	13.62	91	1201326	53.94	ug/l	100
90) Hexachloroethane	13.88	117	244945	40.73	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	817971	49.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	84637	54.27	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	449446	51.39	ug/l	98
94) Hexachlorobutadiene	15.01	225	233982	46.43	ug/l	99
95) Naphthalene	15.14	128	1139517	54.76	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	452295	53.06	ug/l	99

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

