

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050532.D
 Acq On : 10 Aug 2018 21:34
 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
 8/13/2018 11:05:48 AM

Quant Time: Aug 11 05:17:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	641070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	939095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	457509	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	409840	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.59	113	376545	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.09	98	1387005	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.40	95	466342	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	323663	45.48	ug/l	99
3) Chloromethane	2.06	50	400778	47.59	ug/l	100
4) Vinyl Chloride	2.18	62	427812	46.45	ug/l	98
5) Bromomethane	2.56	94	234572	52.52	ug/l	97
6) Chloroethane	2.70	64	261503	46.08	ug/l	100
7) Trichlorofluoromethane	3.01	101	579982	48.75	ug/l	100
8) Diethyl Ether	3.41	74	205508	47.11	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	356222	48.45	ug/l	100
10) Methyl Iodide	3.95	142	189816	58.60	ug/l	99
11) Tert butyl alcohol	4.80	59	129976	188.90	ug/l	99
12) 1,1-Dichloroethene	3.73	96	324517	46.82	ug/l	97
13) Acrolein	3.61	56	93780	113.49	ug/l	98
14) Allyl chloride	4.32	41	510246	45.84	ug/l	97
15) Acrylonitrile	4.99	53	656200	227.68	ug/l	99
16) Acetone	3.82	43	574187	224.75	ug/l	100
17) Carbon Disulfide	4.05	76	933941	41.44	ug/l	99
18) Methyl Acetate	4.33	43	340219	51.26	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	948589	48.22	ug/l	100
20) Methylene Chloride	4.55	84	383008	49.00	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	358320	47.78	ug/l	99
22) Diisopropyl ether	5.96	45	1164212	51.20	ug/l	98
23) Vinyl Acetate	5.90	43	3947151	243.32	ug/l	100
24) 1,1-Dichloroethane	5.85	63	684897	49.09	ug/l	99
25) 2-Butanone	6.84	43	931606	219.49	ug/l	100
26) 2,2-Dichloropropane	6.83	77	451180	39.23	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	404305	48.64	ug/l	99
28) Bromochloromethane	7.20	49	325031	50.61	ug/l	99
29) Tetrahydrofuran	7.22	42	503338	221.56	ug/l	100
30) Chloroform	7.37	83	698740	50.10	ug/l	100
31) Cyclohexane	7.66	56	580144	47.21	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	583742	48.73	ug/l	100
36) 1,1-Dichloropropene	7.80	75	520246	50.42	ug/l	99
37) Ethyl Acetate	6.93	43	346748	46.67	ug/l	99
38) Carbon Tetrachloride	7.78	117	519132	48.23	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	528115	46.89	ug/l	99
40) Benzene	8.04	78	1564216	49.31	ug/l	99
41) Methacrylonitrile	7.18	41	183130	46.35	ug/l #	80
42) 1,2-Dichloroethane	8.13	62	491781	48.83	ug/l	100
43) Isopropyl Acetate	8.17	43	616864	48.09	ug/l	99
44) Trichloroethene	8.84	130	406979	47.75	ug/l	100
45) 1,2-Dichloropropane	9.12	63	419416	50.29	ug/l	98
46) Dibromomethane	9.21	93	251564	48.85	ug/l	99
47) Bromodichloromethane	9.41	83	531372	49.81	ug/l	99
48) Methyl methacrylate	9.20	41	305607	47.54	ug/l	98
49) 1,4-Dioxane	9.20	88	82246	829.93	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2134327	231.04	ug/l	99
52) Toluene	10.16	92	964560	50.62	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	512961	47.89	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	595976	49.86	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	363195	48.82	ug/l	99
56) Ethyl methacrylate	10.43	69	462125	44.11	ug/l	98
57) 1,3-Dichloropropane	10.71	76	598726	49.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1099677	224.87	ug/l	100
59) 2-Hexanone	10.75	43	1429145	221.67	ug/l	99
60) Dibromochloromethane	10.90	129	404668	49.38	ug/l	99
61) 1,2-Dibromoethane	11.01	107	356355	48.60	ug/l	99
64) Tetrachloroethene	10.63	164	386555	48.37	ug/l	99
65) Chlorobenzene	11.44	112	1045813	48.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	396670	50.83	ug/l	99
67) Ethyl Benzene	11.51	91	1790102	51.65	ug/l	100
68) m/p-Xylenes	11.62	106	1390342	105.37	ug/l	99
69) o-Xylene	11.95	106	658652	51.82	ug/l	100
70) Styrene	11.96	104	1107527	53.58	ug/l	99
71) Bromoform	12.13	173	280186	49.12	ug/l #	99
73) Isopropylbenzene	12.25	105	1754514	51.09	ug/l	100
74) N-amyl acetate	12.07	43	510292	45.84	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	460707	46.50	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	379237m	45.79	ug/l	
77) Bromobenzene	12.53	156	452439	49.18	ug/l	99
78) n-propylbenzene	12.59	91	2012807	51.78	ug/l	100
79) 2-Chlorotoluene	12.68	91	1203823	50.14	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1456222	52.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	103769	44.03	ug/l	99
82) 4-Chlorotoluene	12.77	91	1225073	51.17	ug/l	99
83) tert-Butylbenzene	12.99	119	1228807	50.53	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1490857	52.79	ug/l	100
85) sec-Butylbenzene	13.17	105	1624388	50.11	ug/l	100
86) p-Isopropyltoluene	13.29	119	1420020	51.12	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	808149	49.32	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	791063	48.34	ug/l	100
89) n-Butylbenzene	13.62	91	1141263	48.26	ug/l	100
90) Hexachloroethane	13.88	117	239155	48.41	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	784004	47.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	68494	40.71	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	397924	47.56	ug/l	99
94) Hexachlorobutadiene	15.01	225	224417	49.07	ug/l	99
95) Naphthalene	15.13	128	870593	40.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	384216	45.42	ug/l	99

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

