

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052619.D
 Acq On : 3 Dec 2018 9:20
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 2:56:38 PM

Quant Time: Dec 04 00:54:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1057545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1591618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1432745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	680579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	540969	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	7.59	113	491992	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.09	98	1920048	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.40	95	674370	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	443896	44.828	ug/l	98
3) Chloromethane	2.06	50	570281	43.630	ug/l	99
4) Vinyl Chloride	2.19	62	595615	44.359	ug/l	100
5) Bromomethane	2.57	94	362127	43.225	ug/l	100
6) Chloroethane	2.71	64	357707	43.981	ug/l	99
7) Trichlorofluoromethane	3.02	101	770523	46.718	ug/l	99
8) Diethyl Ether	3.41	74	281007	46.137	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	502405	48.817	ug/l	99
10) Methyl Iodide	3.96	142	700034	51.071	ug/l	99
11) Tert butyl alcohol	4.78	59	141028	244.645	ug/l	100
12) 1,1-Dichloroethene	3.74	96	458034	46.236	ug/l	99
13) Acrolein	3.61	56	201715	201.334	ug/l	99
14) Allyl chloride	4.33	41	802615	47.009	ug/l	98
15) Acrylonitrile	4.99	53	855125	234.341	ug/l	99
16) Acetone	3.81	43	788896	259.751	ug/l	99
17) Carbon Disulfide	4.06	76	1360067	43.627	ug/l	100
18) Methyl Acetate	4.33	43	412203	47.315	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1253296	47.550	ug/l	99
20) Methylene Chloride	4.55	84	528909	44.502	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	499140	47.177	ug/l	95
22) Diisopropyl ether	5.95	45	1686899	47.036	ug/l	98
23) Vinyl Acetate	5.90	43	5207433	233.120	ug/l	99
24) 1,1-Dichloroethane	5.85	63	954485	46.612	ug/l	99
25) 2-Butanone	6.83	43	1041835	242.016	ug/l	97
26) 2,2-Dichloropropane	6.83	77	709430	50.053	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	577829	46.884	ug/l	100
28) Bromochloromethane	7.19	49	454556	48.601	ug/l	97
29) Tetrahydrofuran	7.21	42	632163	227.677	ug/l	99
30) Chloroform	7.37	83	939267	45.975	ug/l	98
31) Cyclohexane	7.65	56	898641	45.307	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	777322	48.022	ug/l	99
36) 1,1-Dichloropropene	7.79	75	739282	49.187	ug/l	99
37) Ethyl Acetate	6.93	43	423992	46.223	ug/l	100
38) Carbon Tetrachloride	7.77	117	677423	49.788	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	913630	50.011	ug/l	99
40) Benzene	8.04	78	2185106	48.783	ug/l	100
41) Methacrylonitrile	7.17	41	272504	54.340	ug/l	90
42) 1,2-Dichloroethane	8.12	62	660820	48.724	ug/l	100
43) Isopropyl Acetate	8.16	43	755959	48.699	ug/l	100
44) Trichloroethene	8.83	130	574983	50.114	ug/l	100
45) 1,2-Dichloropropane	9.12	63	580281	48.728	ug/l	99
46) Dibromomethane	9.21	93	329506	49.982	ug/l	99
47) Bromodichloromethane	9.40	83	722846	50.432	ug/l	100
48) Methyl methacrylate	9.20	41	382175	47.216	ug/l	97
49) 1,4-Dioxane	9.20	88	91826	1093.119	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2147092	246.522	ug/l	99
52) Toluene	10.16	92	1348490	50.670	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	723599	52.477	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	860901	52.100	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	473840	50.617	ug/l	99
56) Ethyl methacrylate	10.43	69	597004	46.146	ug/l	99
57) 1,3-Dichloropropane	10.71	76	815165	49.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1745766	257.003	ug/l	99
59) 2-Hexanone	10.75	43	1532900	262.239	ug/l	99
60) Dibromochloromethane	10.90	129	538116	52.926	ug/l	99
61) 1,2-Dibromoethane	11.01	107	466048	50.125	ug/l	100
64) Tetrachloroethene	10.63	164	557833	50.217	ug/l	99
65) Chlorobenzene	11.44	112	1493487	50.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	519572	50.580	ug/l	99
67) Ethyl Benzene	11.51	91	2631413	50.863	ug/l	100
68) m/p-Xylenes	11.62	106	1987569	103.198	ug/l	99
69) o-Xylene	11.95	106	962392	51.457	ug/l	100
70) Styrene	11.96	104	1588304	53.318	ug/l	99
71) Bromoform	12.13	173	365849	53.789	ug/l #	100
73) Isopropylbenzene	12.25	105	2606524	48.815	ug/l	99
74) N-amyl acetate	12.07	43	652022	48.334	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	561969	46.266	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	472833m	45.054	ug/l	
77) Bromobenzene	12.53	156	640607	48.538	ug/l	97
78) n-propylbenzene	12.59	91	3037922	50.081	ug/l	99
79) 2-Chlorotoluene	12.68	91	1749737	48.438	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2120345	49.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	163879	52.147	ug/l	97
82) 4-Chlorotoluene	12.77	91	1791153	49.199	ug/l	99
83) tert-Butylbenzene	12.99	119	1868505	49.217	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2139280	50.127	ug/l	99
85) sec-Butylbenzene	13.17	105	2588442	50.058	ug/l	100
86) p-Isopropyltoluene	13.29	119	2250407	51.096	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1164279	50.432	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1142716	50.252	ug/l	100
89) n-Butylbenzene	13.62	91	1949556	53.226	ug/l	100
90) Hexachloroethane	13.88	117	379030	50.826	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1099777	49.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	85001	48.930	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	598871	49.589	ug/l	100
94) Hexachlorobutadiene	15.01	225	353833	49.866	ug/l	100
95) Naphthalene	15.13	128	1200090	47.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	542469	48.894	ug/l	100

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

