

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050636.D
 Acq On : 15 Aug 2018 5:59
 Operator : MD\SY
 Sample : J4465-06MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 3:32:45 PM

Quant Time: Aug 15 14:47:02 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	633893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	932330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	861443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	445835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	400665	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	375233	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.09	98	1416194	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	463354	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	314806	44.05	ug/l	98
3) Chloromethane	2.06	50	429393	49.30	ug/l	100
4) Vinyl Chloride	2.18	62	442358	46.60	ug/l	100
5) Bromomethane	2.56	94	251492	49.26	ug/l	98
6) Chloroethane	2.70	64	268383	50.90	ug/l	100
7) Trichlorofluoromethane	3.01	101	563492	45.24	ug/l	100
8) Diethyl Ether	3.41	74	200594	48.41	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	334512	44.41	ug/l	100
10) Methyl Iodide	3.95	142	250633	47.25	ug/l	100
11) Tert butyl alcohol	4.79	59	107435	246.25	ug/l	100
12) 1,1-Dichloroethene	3.74	96	325048	47.26	ug/l	99
13) Acrolein	3.61	56	36908	220.87	ug/l	100
14) Allyl chloride	4.33	41	504061	47.11	ug/l	99
15) Acrylonitrile	4.99	53	583670	243.58	ug/l	99
16) Acetone	3.82	43	507885	254.60	ug/l	100
17) Carbon Disulfide	4.05	76	997235	46.07	ug/l	100
18) Methyl Acetate	4.33	43	248322	44.13	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	888315	50.75	ug/l	100
20) Methylene Chloride	4.55	84	389475	51.32	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	360829	48.39	ug/l	98
22) Diisopropyl ether	5.95	45	1124442	51.26	ug/l	98
23) Vinyl Acetate	5.90	43	3299326	229.93	ug/l	99
24) 1,1-Dichloroethane	5.85	63	666921	46.99	ug/l	100
25) 2-Butanone	6.84	43	801848	244.76	ug/l	100
26) 2,2-Dichloropropane	6.83	77	379741	39.97	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	404891	48.76	ug/l	98
28) Bromochloromethane	7.20	49	324226	50.19	ug/l	100
29) Tetrahydrofuran	7.22	42	433191	253.24	ug/l	99
30) Chloroform	7.37	83	673614	46.83	ug/l	99
31) Cyclohexane	7.65	56	573607	47.34	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	568530	46.96	ug/l	99
36) 1,1-Dichloropropene	7.80	75	512529	49.38	ug/l	100
37) Ethyl Acetate	6.93	43	273625	46.64	ug/l	99
38) Carbon Tetrachloride	7.78	117	511485	47.51	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	514519	47.88	ug/l	99
40) Benzene	8.04	78	1557337	49.32	ug/l	100
41) Methacrylonitrile	7.18	41	164274	51.80	ug/l	97
42) 1,2-Dichloroethane	8.13	62	469843	48.55	ug/l	100
43) Isopropyl Acetate	8.17	43	487275	45.58	ug/l	98
44) Trichloroethene	8.84	130	416676	49.27	ug/l	96
45) 1,2-Dichloropropane	9.12	63	410037	48.78	ug/l	100
46) Dibromomethane	9.21	93	241346	48.63	ug/l	96
47) Bromodichloromethane	9.40	83	513158	48.37	ug/l	100
48) Methyl methacrylate	9.20	41	261722	48.65	ug/l	99
49) 1,4-Dioxane	9.20	88	69244	977.05	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1822237	252.02	ug/l	100
52) Toluene	10.16	92	966065	51.25	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	485081	49.09	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	543845	47.98	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	339006	48.14	ug/l	98
56) Ethyl methacrylate	10.43	69	422126	47.10	ug/l	100
57) 1,3-Dichloropropane	10.71	76	579422	50.18	ug/l	100
59) 2-Hexanone	10.75	43	1201751	257.51	ug/l	100
60) Dibromochloromethane	10.90	129	390912	50.29	ug/l	99
61) 1,2-Dibromoethane	11.01	107	333156	49.67	ug/l	99
64) Tetrachloroethene	10.63	164	766062	95.76	ug/l	99
65) Chlorobenzene	11.43	112	1040237	48.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	389615	48.48	ug/l	100
67) Ethyl Benzene	11.51	91	1779937	51.42	ug/l	99
68) m/p-Xylenes	11.62	106	1367535	103.29	ug/l	99
69) o-Xylene	11.95	106	658280	52.14	ug/l	100
70) Stvrene	11.96	104	1078236	48.06	ug/l	100
71) Bromoform	12.13	173	261888	49.14	ug/l #	100
73) Isopropylbenzene	12.25	105	1729011	49.64	ug/l	100
74) N-amyl acetate	12.07	43	394620	43.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	416360	51.56	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	314639m	43.55	ug/l	
77) Bromobenzene	12.53	156	443571	46.90	ug/l	99
78) n-propylbenzene	12.59	91	1946902	50.12	ug/l	99
79) 2-Chlorotoluene	12.67	91	1165977	48.15	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1414826	50.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	89288	44.52	ug/l	99
82) 4-Chlorotoluene	12.77	91	1181089	49.35	ug/l	100
83) tert-Butylbenzene	12.99	119	1190003	49.15	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1431381	51.13	ug/l	100
85) sec-Butylbenzene	13.17	105	1570848	49.65	ug/l	100
86) p-Isopropyltoluene	13.29	119	1372015	51.18	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	766405	47.60	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	737636	46.16	ug/l	100
89) n-Butylbenzene	13.62	91	1065138	49.20	ug/l	99
90) Hexachloroethane	13.88	117	245654	45.57	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	744365	47.39	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58362	46.96	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	361254	45.09	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	210426	43.70	ug/l	99
95) Naphthalene	15.13	128	743744	43.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	346476	46.17	ug/l	99

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

