

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050383.D
 Acq On : 6 Aug 2018 15:01
 Operator : MD\SY
 Sample : VN0806WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 9:58:52 AM

Quant Time: Aug 07 06:01:46 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	670231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	986130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	907121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	469271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	444089	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.59	113	392707	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	10.09	98	1476690	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	488790	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	154517	20.77	ug/l	99
3) Chloromethane	2.06	50	188551	20.59	ug/l	99
4) Vinyl Chloride	2.18	62	198070	20.57	ug/l	99
5) Bromomethane	2.56	94	92826	19.98	ug/l	99
6) Chloroethane	2.70	64	119961	20.22	ug/l	98
7) Trichlorofluoromethane	3.01	101	254835	20.49	ug/l	98
8) Diethyl Ether	3.41	74	93337	20.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	157370	20.47	ug/l	99
10) Methyl Iodide	3.95	142	75762	22.37	ug/l	99
11) Tert butyl alcohol	4.80	59	75381	104.79	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	148493	20.49	ug/l	98
13) Acrolein	3.61	56	93597	109.02	ug/l	97
14) Allyl chloride	4.32	41	232786	20.01	ug/l	98
15) Acrylonitrile	4.99	53	307107	101.92	ug/l	99
16) Acetone	3.82	43	275368	102.90	ug/l	99
17) Carbon Disulfide	4.05	76	441214	18.73	ug/l	100
18) Methyl Acetate	4.33	43	145685	20.88	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	428121	20.82	ug/l	99
20) Methylene Chloride	4.55	84	175373	20.56	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	155487	19.83	ug/l	98
22) Diisopropyl ether	5.96	45	502265	21.13	ug/l	99
23) Vinyl Acetate	5.90	43	1773994	104.60	ug/l	99
24) 1,1-Dichloroethane	5.85	63	296572	20.33	ug/l	99
25) 2-Butanone	6.84	43	457084	103.01	ug/l	100
26) 2,2-Dichloropropane	6.83	77	242226	20.14	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	179114	20.61	ug/l	99
28) Bromochloromethane	7.20	49	134863	20.09	ug/l	99
29) Tetrahydrofuran	7.22	42	247337	104.14	ug/l	99
30) Chloroform	7.37	83	298734	20.49	ug/l	97
31) Cyclohexane	7.66	56	266084	20.35	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	256347	20.47	ug/l	99
36) 1,1-Dichloropropene	7.79	75	222088	20.50	ug/l	99
37) Ethyl Acetate	6.93	43	167346	21.45	ug/l	99
38) Carbon Tetrachloride	7.77	117	225377	19.94	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	243534	20.59	ug/l	97
40) Benzene	8.04	78	685476	20.58	ug/l	99
41) Methacrylonitrile	7.18	41	67246	16.21	ug/l	98
42) 1,2-Dichloroethane	8.13	62	219027	20.71	ug/l	100
43) Isopropyl Acetate	8.17	43	279276	20.73	ug/l	98
44) Trichloroethene	8.84	130	177447	19.82	ug/l	99
45) 1,2-Dichloropropane	9.12	63	177353	20.25	ug/l	96
46) Dibromomethane	9.21	93	109720	20.29	ug/l	97
47) Bromodichloromethane	9.40	83	224293	20.02	ug/l	100
48) Methyl methacrylate	9.20	41	140033	20.74	ug/l	99
49) 1,4-Dioxane	9.20	88	41336	397.22	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1030103	106.19	ug/l	99
52) Toluene	10.16	92	416985	20.84	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	227919	20.26	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	260286	20.74	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	160826	20.59	ug/l	99
56) Ethyl methacrylate	10.43	69	205549	19.67	ug/l	99
57) 1,3-Dichloropropane	10.71	76	265090	20.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	474700	96.80	ug/l	100
59) 2-Hexanone	10.75	43	705126	104.15	ug/l	99
60) Dibromochloromethane	10.90	129	175993	20.45	ug/l	100
61) 1,2-Dibromoethane	11.01	107	160972	20.91	ug/l	100
64) Tetrachloroethene	10.63	164	172191	20.32	ug/l	100
65) Chlorobenzene	11.44	112	454504	19.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	168482	20.36	ug/l	100
67) Ethyl Benzene	11.51	91	758272	20.63	ug/l	100
68) m/p-Xylenes	11.62	106	591811	42.29	ug/l	100
69) o-Xylene	11.95	106	280608	20.82	ug/l	99
70) Styrene	11.97	104	457508	20.87	ug/l	99
71) Bromoform	12.13	173	124077	20.51	ug/l #	99
73) Isopropylbenzene	12.25	105	745165	21.15	ug/l	100
74) N-amyl acetate	12.07	43	236370	20.70	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	208687	20.53	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	178020m	20.96	ug/l	
77) Bromobenzene	12.53	156	196145	20.78	ug/l	99
78) n-propylbenzene	12.59	91	852805	21.39	ug/l	99
79) 2-Chlorotoluene	12.68	91	518052	21.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	620388	21.70	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51462	21.29	ug/l	97
82) 4-Chlorotoluene	12.78	91	515043	20.97	ug/l	99
83) tert-Butylbenzene	12.99	119	525198	21.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	632037	21.82	ug/l	100
85) sec-Butylbenzene	13.17	105	697908	20.99	ug/l	100
86) p-Isopropyltoluene	13.29	119	604304	21.21	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	341951	20.34	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	330802	19.71	ug/l	98
89) n-Butylbenzene	13.62	91	477204	19.67	ug/l	100
90) Hexachloroethane	13.88	117	101726	20.08	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	339535	20.15	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33257	19.27	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	168242	19.60	ug/l	99
94) Hexachlorobutadiene	15.01	225	100176	20.40	ug/l	100
95) Naphthalene	15.14	128	383155	19.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	167141	19.26	ug/l	98

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

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