

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050481.D
 Acq On : 9 Aug 2018 13:22
 Operator : MD\SY
 Sample : VN0809WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:52:45 AM

Quant Time: Aug 10 04:58:18 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	764814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1123368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	991914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	493218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	476275	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	7.59	113	439772	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.09	98	1603271	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
62) 4-Bromofluorobenzene	12.40	95	522765	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	158846	18.71	ug/l	99
3) Chloromethane	2.06	50	195395	18.56	ug/l	99
4) Vinyl Chloride	2.18	62	210318	19.14	ug/l	98
5) Bromomethane	2.56	94	114957	21.67	ug/l	100
6) Chloroethane	2.70	64	130500	19.27	ug/l	97
7) Trichlorofluoromethane	3.01	101	280944	19.80	ug/l	98
8) Diethyl Ether	3.41	74	101312	19.47	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	172570	19.68	ug/l	99
10) Methyl Iodide	3.95	142	75346	19.50	ug/l	97
11) Tert butyl alcohol	4.80	59	68705	83.70	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	158589	19.18	ug/l	99
13) Acrolein	3.61	56	57955	66.03	ug/l	100
14) Allyl chloride	4.33	41	245175	18.46	ug/l	98
15) Acrylonitrile	4.99	53	305061	88.72	ug/l	99
16) Acetone	3.82	43	276195	90.40	ug/l	97
17) Carbon Disulfide	4.05	76	464864	17.29	ug/l	99
18) Methyl Acetate	4.33	43	150299	18.86	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	459154	19.56	ug/l	99
20) Methylene Chloride	4.55	84	184375	18.82	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	170511	19.06	ug/l	99
22) Diisopropyl ether	5.96	45	542305	19.99	ug/l	98
23) Vinyl Acetate	5.90	43	1836265	94.88	ug/l	100
24) 1,1-Dichloroethane	5.85	63	322743	19.39	ug/l	99
25) 2-Butanone	6.84	43	445059	87.89	ug/l	97
26) 2,2-Dichloropropane	6.83	77	262114	19.10	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	199938	20.16	ug/l	99
28) Bromochloromethane	7.20	49	140286	18.31	ug/l	95
29) Tetrahydrofuran	7.22	42	231902	85.56	ug/l	98
30) Chloroform	7.37	83	331970	19.95	ug/l	98
31) Cyclohexane	7.66	56	278158	18.59	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	283471	19.84	ug/l	99
36) 1,1-Dichloropropene	7.79	75	244634	19.82	ug/l	99
37) Ethyl Acetate	6.94	43	161259	18.14	ug/l	98
38) Carbon Tetrachloride	7.78	117	248405	19.29	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	251661	18.68	ug/l	98
40) Benzene	8.04	78	749365	19.75	ug/l	99
41) Methacrylonitrile	7.18	41	72829	15.41	ug/l	94
42) 1,2-Dichloroethane	8.13	62	236319	19.62	ug/l	99
43) Isopropyl Acetate	8.17	43	281373	18.34	ug/l #	86
44) Trichloroethene	8.84	130	201829	19.79	ug/l	99
45) 1,2-Dichloropropane	9.12	63	194612	19.51	ug/l	100
46) Dibromomethane	9.21	93	116936	18.98	ug/l	95
47) Bromodichloromethane	9.40	83	247253	19.38	ug/l	99
48) Methyl methacrylate	9.20	41	139067	18.08	ug/l	97
49) 1,4-Dioxane	9.20	88	39581	333.89	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	994908	90.03	ug/l	99
52) Toluene	10.16	92	459518	20.16	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	244753	19.10	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	285524	19.97	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	174494	19.61	ug/l	99
56) Ethyl methacrylate	10.43	69	212220	17.99	ug/l	98
57) 1,3-Dichloropropane	10.71	76	286446	19.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	481397	86.98	ug/l	99
59) 2-Hexanone	10.75	43	657793	85.29	ug/l	98
60) Dibromochloromethane	10.90	129	190335	19.42	ug/l	99
61) 1,2-Dibromoethane	11.01	107	168906	19.26	ug/l	99
64) Tetrachloroethene	10.63	164	190100	20.51	ug/l	99
65) Chlorobenzene	11.44	112	500141	20.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	188862	20.87	ug/l	99
67) Ethyl Benzene	11.51	91	830158	20.65	ug/l	100
68) m/p-Xylenes	11.62	106	645908	42.21	ug/l	100
69) o-Xylene	11.95	106	311252	21.11	ug/l	99
70) Styrene	11.97	104	498630	20.80	ug/l	100
71) Bromoform	12.13	173	127755	19.31	ug/l #	98
73) Isopropylbenzene	12.25	105	813722	21.98	ug/l	99
74) N-amyl acetate	12.07	43	223111	18.59	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	212824	19.92	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	163114m	18.27	ug/l	
77) Bromobenzene	12.53	156	213874	21.56	ug/l	98
78) n-propylbenzene	12.59	91	902442	21.53	ug/l	100
79) 2-Chlorotoluene	12.68	91	560631	21.66	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	667817	22.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	47991	18.89	ug/l	97
82) 4-Chlorotoluene	12.77	91	562592	21.80	ug/l	99
83) tert-Butylbenzene	12.99	119	568049	21.67	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	678436	22.28	ug/l	99
85) sec-Butylbenzene	13.17	105	733813	21.00	ug/l	100
86) p-Isopropyltoluene	13.29	119	631209	21.08	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	362746	20.53	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	354950	20.12	ug/l	98
89) n-Butylbenzene	13.62	91	483953	18.98	ug/l	99
90) Hexachloroethane	13.88	117	105680	19.84	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	356458	20.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31526	17.38	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	165423	18.34	ug/l	99
94) Hexachlorobutadiene	15.01	225	105367	20.41	ug/l	99
95) Naphthalene	15.14	128	360285	17.61	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	160623	17.61	ug/l	99

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

