

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050980.D
 Acq On : 31 Aug 2018 11:58
 Operator : MD\SY
 Sample : VN0831WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 12:27:49 PM

Quant Time: Aug 31 14:28:31 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	588434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	822117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	738513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	358921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	343781	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.59	113	337406	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	10.09	98	1246228	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	397279	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	147190	18.69	ug/l	99
3) Chloromethane	2.06	50	163197	16.80	ug/l	99
4) Vinyl Chloride	2.18	62	164090	17.83	ug/l	100
5) Bromomethane	2.57	94	95991	17.67	ug/l	100
6) Chloroethane	2.70	64	97236	18.29	ug/l	98
7) Trichlorofluoromethane	3.01	101	222213	18.86	ug/l	100
8) Diethyl Ether	3.41	74	73307	18.30	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	140479	19.08	ug/l	98
10) Methyl Iodide	3.95	142	101723	20.09	ug/l	100
11) Tert butyl alcohol	4.79	59	39345	87.22	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	119893	18.14	ug/l	97
13) Acrolein	3.61	56	12644	62.47	ug/l	95
14) Allyl chloride	4.32	41	185902	18.05	ug/l	98
15) Acrylonitrile	4.99	53	204802	89.34	ug/l	100
16) Acetone	3.82	43	150729	85.20	ug/l	96
17) Carbon Disulfide	4.05	76	352402	15.91	ug/l	99
18) Methyl Acetate	4.33	43	133465	19.95	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	308571	18.56	ug/l	99
20) Methylene Chloride	4.55	84	144864	18.14	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	129431	18.11	ug/l	97
22) Diisopropyl ether	5.95	45	396199	19.30	ug/l	98
23) Vinyl Acetate	5.90	43	1137465	86.06	ug/l	100
24) 1,1-Dichloroethane	5.85	63	244832	18.58	ug/l	100
25) 2-Butanone	6.84	43	219775	76.99	ug/l	100
26) 2,2-Dichloropropane	6.83	77	190536	18.00	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	145179	18.84	ug/l	98
28) Bromochloromethane	7.19	49	108150	19.32	ug/l	99
29) Tetrahydrofuran	7.21	42	146770	89.67	ug/l	98
30) Chloroform	7.37	83	247723	18.99	ug/l	100
31) Cyclohexane	7.65	56	210078	17.84	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	211923	18.91	ug/l	99
36) 1,1-Dichloropropene	7.79	75	183917	18.96	ug/l	99
37) Ethyl Acetate	6.93	43	100095	17.96	ug/l	99
38) Carbon Tetrachloride	7.77	117	188503	19.22	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	191533	18.25	ug/l	98
40) Benzene	8.04	78	562721	19.24	ug/l	100
41) Methacrylonitrile	7.17	41	51007	16.91	ug/l	94
42) 1,2-Dichloroethane	8.12	62	168412	19.26	ug/l	99
43) Isopropyl Acetate	8.17	43	181532	18.95	ug/l	98
44) Trichloroethene	8.84	130	149392	19.36	ug/l	99
45) 1,2-Dichloropropane	9.12	63	147819	19.23	ug/l	100
46) Dibromomethane	9.21	93	85634	18.96	ug/l	98
47) Bromodichloromethane	9.40	83	186555	19.72	ug/l	99
48) Methyl methacrylate	9.20	41	86301	17.67	ug/l	98
49) 1,4-Dioxane	9.20	88	24403	366.58	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	505370	88.38	ug/l	100
52) Toluene	10.16	92	348687	20.12	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	175563	18.64	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	205721	19.07	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	125378	19.49	ug/l	99
56) Ethyl methacrylate	10.43	69	133657	17.57	ug/l	98
57) 1,3-Dichloropropane	10.71	76	203404	19.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	280978	85.42	ug/l	100
59) 2-Hexanone	10.75	43	309896	81.41	ug/l	100
60) Dibromochloromethane	10.90	129	141562	19.66	ug/l	99
61) 1,2-Dibromoethane	11.01	107	117956	18.96	ug/l	100
64) Tetrachloroethene	10.63	164	139327	19.86	ug/l	98
65) Chlorobenzene	11.43	112	373399	19.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	143233	20.28	ug/l	100
67) Ethyl Benzene	11.51	91	609798	19.43	ug/l	99
68) m/p-Xylenes	11.62	106	482862	40.54	ug/l	99
69) o-Xylene	11.95	106	229523	20.04	ug/l	98
70) Styrene	11.96	104	356024	18.46	ug/l	99
71) Bromoform	12.13	173	93585	19.27	ug/l #	100
73) Isopropylbenzene	12.25	105	611280	20.57	ug/l	99
74) N-amyl acetate	12.07	43	129818	17.38	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	150511	20.27	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	120668m	19.19	ug/l	
77) Bromobenzene	12.53	156	159002	19.69	ug/l	95
78) n-propylbenzene	12.59	91	680627	20.50	ug/l	99
79) 2-Chlorotoluene	12.67	91	415493	20.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	504876	21.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	32929	17.71	ug/l	95
82) 4-Chlorotoluene	12.77	91	413215	20.24	ug/l	100
83) tert-Butylbenzene	12.99	119	428685	20.64	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	500209	20.74	ug/l	100
85) sec-Butylbenzene	13.17	105	563243	20.70	ug/l	99
86) p-Isopropyltoluene	13.29	119	485856	20.95	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	266783	19.46	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	251306	18.63	ug/l	99
89) n-Butylbenzene	13.62	91	352382	19.00	ug/l	98
90) Hexachloroethane	13.88	117	93756	21.32	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	253619	19.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18418	17.26	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	91189	16.26	ug/l	100
94) Hexachlorobutadiene	15.01	225	82650	20.42	ug/l	99
95) Naphthalene	15.14	128	158415	15.25	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	95649	17.15	ug/l	100

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

