

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050357.D
 Acq On : 4 Aug 2018 11:11
 Operator : MD\SY
 Sample : VN0804WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0804WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 11:39:53 AM

Quant Time: Aug 06 01:50:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	631716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	923990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	847975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	454447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	433244	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.59	113	381060	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.09	98	1426829	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	489886	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	165049	18.18	ug/l	100
3) Chloromethane	2.06	50	161481	16.37	ug/l	98
4) Vinyl Chloride	2.18	62	175153	16.86	ug/l	100
5) Bromomethane	2.56	94	92317	15.30	ug/l	99
6) Chloroethane	2.70	64	105285	16.87	ug/l	97
7) Trichlorofluoromethane	3.01	101	240655	17.88	ug/l	99
8) Diethyl Ether	3.41	74	85903	19.14	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	154416	19.08	ug/l	98
10) Methyl Iodide	3.95	142	73327	7.06	ug/l	98
11) Tert butyl alcohol	4.79	59	61139	94.28	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	130536	17.93	ug/l	98
13) Acrolein	3.61	56	82723	158.76	ug/l	97
14) Allyl chloride	4.32	41	207412	18.37	ug/l	98
15) Acrylonitrile	4.99	53	266226	94.09	ug/l	100
16) Acetone	3.82	43	183874	85.71	ug/l	98
17) Carbon Disulfide	4.05	76	334252	14.99	ug/l	98
18) Methyl Acetate	4.33	43	193118	23.04	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	379605	19.56	ug/l	99
20) Methylene Chloride	4.55	84	159424	19.64	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	138119	17.90	ug/l	97
22) Diisopropyl ether	5.95	45	460591	20.58	ug/l	98
23) Vinyl Acetate	5.90	43	1386308	87.63	ug/l	99
24) 1,1-Dichloroethane	5.85	63	277452	18.95	ug/l	100
25) 2-Butanone	6.84	43	302949	90.11	ug/l	99
26) 2,2-Dichloropropane	6.82	77	232138	20.85	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	157952	19.02	ug/l	97
28) Bromochloromethane	7.20	49	139738	20.93	ug/l	99
29) Tetrahydrofuran	7.22	42	200516	92.30	ug/l	99
30) Chloroform	7.37	83	284936	19.07	ug/l	97
31) Cyclohexane	7.66	56	215927	17.74	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	237064	18.55	ug/l	100
36) 1,1-Dichloropropene	7.79	75	198065	19.03	ug/l	99
37) Ethyl Acetate	6.93	43	131648	18.14	ug/l	99
38) Carbon Tetrachloride	7.77	117	205877	18.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	202475	18.91	ug/l	98
40) Benzene	8.04	78	619561	19.56	ug/l	100
41) Methacrylonitrile	7.18	41	70698	20.42	ug/l	85
42) 1,2-Dichloroethane	8.12	62	204322	19.33	ug/l	99
43) Isopropyl Acetate	8.17	43	265088	18.67	ug/l	98
44) Trichloroethene	8.84	130	160981	18.91	ug/l	99
45) 1,2-Dichloropropane	9.12	63	168283	20.06	ug/l	97
46) Dibromomethane	9.21	93	101038	19.39	ug/l	99
47) Bromodichloromethane	9.40	83	213775	19.44	ug/l	98
48) Methyl methacrylate	9.20	41	123235	19.72	ug/l	99
49) 1,4-Dioxane	9.20	88	34642	407.24	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	717184	100.52	ug/l	100
52) Toluene	10.16	92	380730	20.36	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	211873	20.42	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	242925	20.49	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	151315	20.40	ug/l	99
56) Ethyl methacrylate	10.43	69	178435	19.07	ug/l	99
57) 1,3-Dichloropropane	10.71	76	247297	20.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	448303	100.78	ug/l	99
59) 2-Hexanone	10.75	43	491323	96.95	ug/l	99
60) Dibromochloromethane	10.90	129	164894	20.08	ug/l	99
61) 1,2-Dibromoethane	11.01	107	143448	19.49	ug/l	98
64) Tetrachloroethene	10.63	164	154277	18.92	ug/l	99
65) Chlorobenzene	11.44	112	425489	19.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	161360	19.61	ug/l	99
67) Ethyl Benzene	11.51	91	690801	20.08	ug/l	100
68) m/p-Xylenes	11.62	106	543833	41.79	ug/l	100
69) o-Xylene	11.95	106	258971	20.87	ug/l	99
70) Styrene	11.97	104	423235	19.75	ug/l	99
71) Bromoform	12.13	173	115259	19.25	ug/l #	99
73) Isopropylbenzene	12.25	105	693320	19.67	ug/l	99
74) N-amyl acetate	12.07	43	201798	18.73	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	195186	19.66	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	161973m	19.18	ug/l	
77) Bromobenzene	12.53	156	184358	18.87	ug/l	99
78) n-propylbenzene	12.59	91	810231	20.57	ug/l	100
79) 2-Chlorotoluene	12.68	91	493932	20.23	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	586776	21.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	49238	18.49	ug/l	95
82) 4-Chlorotoluene	12.77	91	493930	20.43	ug/l	99
83) tert-Butylbenzene	12.99	119	503684	20.82	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	603111	21.58	ug/l	99
85) sec-Butylbenzene	13.17	105	685616	21.21	ug/l	99
86) p-Isopropyltoluene	13.29	119	593308	21.78	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	332009	20.05	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	325529	20.17	ug/l	98
89) n-Butylbenzene	13.62	91	479991	21.43	ug/l	99
90) Hexachloroethane	13.88	117	100909	16.68	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	326563	19.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29951	18.56	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	167947	21.04	ug/l	99
94) Hexachlorobutadiene	15.01	225	106654	21.05	ug/l	99
95) Naphthalene	15.14	128	360188	20.24	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	166182	20.78	ug/l	99

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

