

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052153.D
 Acq On : 5 Nov 2018 18:06
 Operator : MD\SY
 Sample : VN1105WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 10:00:16 AM

Quant Time: Nov 06 05:55:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	397433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	685309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	604163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	268645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	240878	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	7.59	113	215372	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	10.09	98	813601	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	268706	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	72209	20.836	ug/l	94
3) Chloromethane	2.06	50	95234	20.359	ug/l	96
4) Vinyl Chloride	2.19	62	91086	20.331	ug/l	99
5) Bromomethane	2.57	94	63955	19.095	ug/l	93
6) Chloroethane	2.71	64	56514	19.728	ug/l	100
7) Trichlorofluoromethane	3.02	101	131995	20.282	ug/l	98
8) Diethyl Ether	3.41	74	48266	21.229	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	78534	20.194	ug/l	99
10) Methyl Iodide	3.96	142	104361	19.007	ug/l	99
11) Tert butyl alcohol	4.78	59	19787	96.583	ug/l	98
12) 1,1-Dichloroethene	3.74	96	74563	20.365	ug/l	98
13) Acrolein	3.61	56	22521	127.302	ug/l	96
14) Allyl chloride	4.33	41	125425	20.526	ug/l	99
15) Acrylonitrile	4.99	53	137350	102.408	ug/l	99
16) Acetone	3.82	43	102515	96.013	ug/l	91
17) Carbon Disulfide	4.06	76	204936	19.615	ug/l	98
18) Methyl Acetate	4.32	43	65049	19.172	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	210718	20.913	ug/l	96
20) Methylene Chloride	4.55	84	85755	19.330	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	78353	19.303	ug/l	97
22) Diisopropyl ether	5.95	45	269517	20.106	ug/l	94
23) Vinyl Acetate	5.90	43	944159	106.556	ug/l	100
24) 1,1-Dichloroethane	5.85	63	153266	20.124	ug/l	99
25) 2-Butanone	6.83	43	164084	99.106	ug/l	97
26) 2,2-Dichloropropane	6.83	77	117543	19.720	ug/l	85
27) cis-1,2-Dichloroethene	6.84	96	94146	20.383	ug/l	97
28) Bromochloromethane	7.19	49	76502	21.231	ug/l	99
29) Tetrahydrofuran	7.21	42	106345	103.813	ug/l	97
30) Chloroform	7.37	83	156865	20.670	ug/l	94
31) Cyclohexane	7.66	56	146183	19.549	ug/l	# 95
32) 1,1,1-Trichloroethane	7.57	97	131137	19.615	ug/l	98
36) 1,1-Dichloropropene	7.79	75	115562	19.062	ug/l	99
37) Ethyl Acetate	6.93	43	76340	20.404	ug/l	97
38) Carbon Tetrachloride	7.78	117	114561	18.901	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	140667	19.592	ug/l	99
40) Benzene	8.04	78	348590	19.560	ug/l	100
41) Methacrylonitrile	7.17	41	48811	24.053	ug/l #	80
42) 1,2-Dichloroethane	8.12	62	112798	19.688	ug/l	98
43) Isopropyl Acetate	8.17	43	141304	20.428	ug/l	100
44) Trichloroethene	8.84	130	91543	19.401	ug/l	98
45) 1,2-Dichloropropane	9.12	63	94571	20.037	ug/l	99
46) Dibromomethane	9.21	93	58168	19.379	ug/l	98
47) Bromodichloromethane	9.40	83	111470	19.042	ug/l	98
48) Methyl methacrylate	9.20	41	66308	19.917	ug/l	99
49) 1,4-Dioxane	9.20	88	11918	411.902	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	376621	103.059	ug/l	99
52) Toluene	10.16	92	220047	20.475	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	110798	19.294	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	131884	19.626	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	77288	20.398	ug/l	97
56) Ethyl methacrylate	10.43	69	99573	20.161	ug/l	99
57) 1,3-Dichloropropane	10.71	76	130731	19.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	275992	103.836	ug/l	99
59) 2-Hexanone	10.75	43	251253	98.766	ug/l	99
60) Dibromochloromethane	10.90	129	79872	18.536	ug/l	97
61) 1,2-Dibromoethane	11.01	107	76778	19.962	ug/l	99
64) Tetrachloroethene	10.63	164	78907	20.160	ug/l	98
65) Chlorobenzene	11.43	112	239883	19.480	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	83836	20.272	ug/l	97
67) Ethyl Benzene	11.51	91	400652	19.589	ug/l	97
68) m/p-Xylenes	11.62	106	318700	40.383	ug/l	98
69) o-Xylene	11.95	106	154667	20.208	ug/l	98
70) Styrene	11.96	104	243042	20.059	ug/l	100
71) Bromoform	12.13	173	47006	18.889	ug/l #	98
73) Isopropylbenzene	12.25	105	398408	19.614	ug/l	99
74) N-amyl acetate	12.07	43	123788	20.537	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	89517	20.134	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	73562m	17.400	ug/l	
77) Bromobenzene	12.53	156	93502	19.304	ug/l	96
78) n-propylbenzene	12.59	91	451091	19.432	ug/l	98
79) 2-Chlorotoluene	12.67	91	259952	19.096	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	323027	19.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22072	18.694	ug/l	97
82) 4-Chlorotoluene	12.77	91	273195	19.967	ug/l	98
83) tert-Butylbenzene	12.99	119	281411	19.384	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	322010	19.675	ug/l	100
85) sec-Butylbenzene	13.17	105	385956	19.660	ug/l	99
86) p-Isopropyltoluene	13.29	119	324059	19.612	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	163383	19.088	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	162900	19.040	ug/l	97
89) n-Butylbenzene	13.61	91	277382	19.387	ug/l	97
90) Hexachloroethane	13.87	117	53360	19.162	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	158543	19.737	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12763	21.746	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	65613	18.781	ug/l	98
94) Hexachlorobutadiene	15.01	225	34803	18.219	ug/l	97
95) Naphthalene	15.13	128	148853	18.094	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	58857	19.146	ug/l	98

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

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