

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051449.D
 Acq On : 24 Sep 2018 10:14
 Operator : MD\SY
 Sample : VN0924WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2018 11:30:59 AM

Quant Time: Sep 25 02:18:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	418156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	570483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	249655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	254656	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.59	113	225567	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	857160	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	267409	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	72393	18.557	ug/l	99
3) Chloromethane	2.06	50	124884	20.109	ug/l	97
4) Vinyl Chloride	2.18	62	132812	19.377	ug/l	98
5) Bromomethane	2.57	94	87048	21.226	ug/l	98
6) Chloroethane	2.71	64	86546	20.264	ug/l	99
7) Trichlorofluoromethane	3.02	101	183175	20.402	ug/l	98
8) Diethyl Ether	3.41	74	59231	19.345	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	115321	22.760	ug/l	99
10) Methyl Iodide	3.95	142	137423	20.580	ug/l	98
11) Tert butyl alcohol	4.79	59	22423m	75.849	ug/l	
12) 1,1-Dichloroethene	3.74	96	100317	21.562	ug/l	93
13) Acrolein	3.61	56	27388	93.296	ug/l	100
14) Allyl chloride	4.32	41	165807	21.242	ug/l	99
15) Acrylonitrile	4.99	53	129378	80.450	ug/l	99
16) Acetone	3.82	43	131271	98.158	ug/l	94
17) Carbon Disulfide	4.05	76	299286	21.896	ug/l	99
18) Methyl Acetate	4.33	43	86740	21.743	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	197420	16.455	ug/l	99
20) Methylene Chloride	4.55	84	95909	18.503	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	81887	17.205	ug/l	97
22) Diisopropyl ether	5.95	45	275155	18.236	ug/l	97
23) Vinyl Acetate	5.90	43	832784	84.069	ug/l	99
24) 1,1-Dichloroethane	5.85	63	168845	18.755	ug/l	99
25) 2-Butanone	6.84	43	149256	83.249	ug/l	95
26) 2,2-Dichloropropane	6.82	77	139445	19.843	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	95245	18.238	ug/l	98
28) Bromochloromethane	7.19	49	81564	19.619	ug/l	99
29) Tetrahydrofuran	7.21	42	92536	81.445	ug/l	99
30) Chloroform	7.37	83	169124	18.959	ug/l	99
31) Cyclohexane	7.66	56	143392	17.385	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	147314	19.317	ug/l	99
36) 1,1-Dichloropropene	7.79	75	125587	19.010	ug/l	98
37) Ethyl Acetate	6.93	43	68023	17.908	ug/l	99
38) Carbon Tetrachloride	7.77	117	131657	19.053	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	138526	17.937	ug/l	96
40) Benzene	8.04	78	376771	19.424	ug/l	99
41) Methacrylonitrile	7.17	41	32254	15.349	ug/l	89
42) 1,2-Dichloroethane	8.12	62	121317	19.532	ug/l	99
43) Isopropyl Acetate	8.16	43	127166	18.514	ug/l	96
44) Trichloroethene	8.84	130	97761	18.975	ug/l	100
45) 1,2-Dichloropropane	9.12	63	102743	19.485	ug/l	98
46) Dibromomethane	9.21	93	57697	19.366	ug/l	99
47) Bromodichloromethane	9.40	83	128151	19.437	ug/l	98
48) Methyl methacrylate	9.20	41	61947	18.090	ug/l	95
49) 1,4-Dioxane	9.20	88	14148	337.115	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	330505	87.495	ug/l	98
52) Toluene	10.16	92	232873	19.318	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	122402	18.389	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	142499	18.461	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	79835	18.739	ug/l	95
56) Ethyl methacrylate	10.43	69	89199	17.125	ug/l	98
57) 1,3-Dichloropropane	10.71	76	136974	18.758	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	200859	85.818	ug/l	99
59) 2-Hexanone	10.75	43	208884	85.302	ug/l	97
60) Dibromochloromethane	10.90	129	97340	19.365	ug/l	97
61) 1,2-Dibromoethane	11.00	107	77417	18.719	ug/l	99
64) Tetrachloroethene	10.63	164	98153	20.615	ug/l	95
65) Chlorobenzene	11.43	112	250749	18.629	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	98158	19.140	ug/l	100
67) Ethyl Benzene	11.51	91	412369	18.178	ug/l	99
68) m/p-Xylenes	11.62	106	325173	37.059	ug/l	99
69) o-Xylene	11.95	106	151328	17.940	ug/l	98
70) Styrene	11.96	104	237768	17.788	ug/l	98
71) Bromoform	12.12	173	61987	17.813	ug/l #	100
73) Isopropylbenzene	12.25	105	414651	19.685	ug/l	98
74) N-amyl acetate	12.07	43	87363	16.530	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	94551	19.249	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	81670m	19.706	ug/l	
77) Bromobenzene	12.53	156	103457	19.402	ug/l	98
78) n-propylbenzene	12.59	91	462319	19.474	ug/l	99
79) 2-Chlorotoluene	12.67	91	279569	19.674	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	343497	19.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	23645	17.543	ug/l	96
82) 4-Chlorotoluene	12.77	91	275802	19.446	ug/l	98
83) tert-Butylbenzene	12.99	119	299545	19.593	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	348469	20.134	ug/l	98
85) sec-Butylbenzene	13.17	105	407187	19.688	ug/l	100
86) p-Isopropyltoluene	13.29	119	345194	19.289	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	174285	18.887	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	164808	18.562	ug/l	99
89) n-Butylbenzene	13.61	91	257144	17.473	ug/l	99
90) Hexachloroethane	13.87	117	68850	19.309	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	168686	18.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12234	17.452	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	63865	17.630	ug/l	97
94) Hexachlorobutadiene	15.01	225	66364	19.590	ug/l	98
95) Naphthalene	15.13	128	93253	16.474	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	64324	14.970	ug/l	98

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

