

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051565.D
 Acq On : 27 Sep 2018 5:58
 Operator : MD\SY
 Sample : VN0927WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:18:45 PM

Quant Time: Sep 27 09:19:48 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	453156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	677776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	311736	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
35) Dibromofluoromethane	7.59	113	277059	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1001625	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.40	95	321974	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	73398	17.361	ug/l	98
3) Chloromethane	2.06	50	113324	16.838	ug/l	97
4) Vinyl Chloride	2.18	62	133985	18.038	ug/l	100
5) Bromomethane	2.57	94	61545	13.869	ug/l	97
6) Chloroethane	2.70	64	62181	13.434	ug/l	100
7) Trichlorofluoromethane	3.01	101	173388	17.821	ug/l	98
8) Diethyl Ether	3.42	74	57575	17.047	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	100584	18.318	ug/l	98
10) Methyl Iodide	3.95	142	105563	14.668	ug/l	97
11) Tert butyl alcohol	4.79	59	34724	108.386	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	86050	17.067	ug/l	99
13) Acrolein	3.61	56	22052	69.317	ug/l	95
14) Allyl chloride	4.33	41	152776	18.060	ug/l	98
15) Acrylonitrile	4.99	53	180087	103.333	ug/l	99
16) Acetone	3.82	43	127404	85.129	ug/l	97
17) Carbon Disulfide	4.05	76	233482	15.762	ug/l	100
18) Methyl Acetate	4.33	43	104127	24.085	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	253830	19.523	ug/l	98
20) Methylene Chloride	4.55	84	111886	19.918	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	96322	18.675	ug/l	99
22) Diisopropyl ether	5.96	45	359501	21.986	ug/l	98
23) Vinyl Acetate	5.90	43	1070086	99.682	ug/l	99
24) 1,1-Dichloroethane	5.85	63	208720	21.394	ug/l	100
25) 2-Butanone	6.84	43	195632	100.688	ug/l	100
26) 2,2-Dichloropropane	6.83	77	102806	13.499	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	112148	19.816	ug/l	100
28) Bromochloromethane	7.20	49	99270	22.034	ug/l	94
29) Tetrahydrofuran	7.22	42	134871	109.538	ug/l	95
30) Chloroform	7.37	83	209557	21.677	ug/l	99
31) Cyclohexane	7.65	56	159868	17.885	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	174975	21.172	ug/l	99
36) 1,1-Dichloropropene	7.80	75	139876	17.821	ug/l	100
37) Ethyl Acetate	6.93	43	90918	20.147	ug/l	99
38) Carbon Tetrachloride	7.78	117	154848	18.862	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	144323	15.730	ug/l	93
40) Benzene	8.05	78	445664	19.338	ug/l	98
41) Methacrylonitrile	7.17	41	44301	17.744	ug/l	96
42) 1,2-Dichloroethane	8.13	62	149265	20.228	ug/l	99
43) Isopropyl Acetate	8.17	43	177197	21.715	ug/l	95
44) Trichloroethene	8.84	130	115277	18.833	ug/l	97
45) 1,2-Dichloropropane	9.12	63	129955	20.745	ug/l	98
46) Dibromomethane	9.21	93	70648	19.959	ug/l	98
47) Bromodichloromethane	9.40	83	158826	20.276	ug/l	96
48) Methyl methacrylate	9.20	41	78555	19.309	ug/l	97
49) 1,4-Dioxane	9.20	88	19333	387.738	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	464223	103.440	ug/l	97
52) Toluene	10.16	92	270148	18.862	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	136182	17.221	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	163590	17.838	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	104810	20.707	ug/l	97
56) Ethyl methacrylate	10.43	69	114955	18.576	ug/l	98
57) 1,3-Dichloropropane	10.71	76	174196	20.079	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	293550	100.879	ug/l	97
59) 2-Hexanone	10.75	43	279548	96.087	ug/l	95
60) Dibromochloromethane	10.90	129	114492	19.171	ug/l	100
61) 1,2-Dibromoethane	11.01	107	93833	19.096	ug/l	99
64) Tetrachloroethene	10.63	164	111974	20.786	ug/l	98
65) Chlorobenzene	11.44	112	286981	18.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	118014	20.340	ug/l	99
67) Ethyl Benzene	11.51	91	467067	18.198	ug/l	99
68) m/p-Xylenes	11.62	106	368036	37.072	ug/l	99
69) o-Xylene	11.95	106	176089	18.451	ug/l	97
70) Styrene	11.97	104	281617	18.622	ug/l	99
71) Bromoform	12.13	173	74216	18.851	ug/l #	99
73) Isopropylbenzene	12.25	105	473216	18.830	ug/l	99
74) N-amyl acetate	12.07	43	119512	18.953	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	123489	21.072	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	103129m	20.857	ug/l	
77) Bromobenzene	12.53	156	118076	18.560	ug/l	95
78) n-propylbenzene	12.59	91	530955	18.746	ug/l	98
79) 2-Chlorotoluene	12.68	91	330557	19.497	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	393894	19.222	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	25755	16.016	ug/l	94
82) 4-Chlorotoluene	12.77	91	322179	19.039	ug/l	98
83) tert-Butylbenzene	12.99	119	346738	19.010	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	398911	19.318	ug/l	100
85) sec-Butylbenzene	13.17	105	467638	18.952	ug/l	100
86) p-Isopropyltoluene	13.29	119	392898	18.402	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	208071	18.899	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	195404	18.446	ug/l	99
89) n-Butylbenzene	13.62	91	295584	16.835	ug/l	99
90) Hexachloroethane	13.87	117	81886	19.248	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	207911	19.463	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18362	21.955	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	75581	17.536	ug/l	99
94) Hexachlorobutadiene	15.01	225	73615	18.214	ug/l	98
95) Naphthalene	15.13	128	131056	17.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	82229	16.040	ug/l	97

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

