

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049225.D
 Acq On : 14 Jun 2018 14:07
 Operator : MD\SY
 Sample : VN0614WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:15:22 PM

Quant Time: Jun 15 04:31:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	926923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1494308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1347478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	624390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	761489	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	625475	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.09	98	2410649	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	770272	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	245240	18.368	ug/l	100
3) Chloromethane	2.06	50	243506	17.849	ug/l	99
4) Vinyl Chloride	2.18	62	244237	17.459	ug/l	98
5) Bromomethane	2.57	94	91891	10.749	ug/l	96
6) Chloroethane	2.70	64	161732	17.120	ug/l	99
7) Trichlorofluoromethane	3.01	101	358830	18.218	ug/l	97
8) Diethyl Ether	3.41	74	99159	13.557	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	169918	13.327	ug/l	99
10) Methyl Iodide	3.95	142	93414	7.535	ug/l	100
11) Tert butyl alcohol	4.80	59	60871	74.612	ug/l	100
12) 1,1-Dichloroethene	3.73	96	155511	13.432	ug/l	97
13) Acrolein	3.61	56	65079	58.588	ug/l	97
14) Allyl chloride	4.32	41	268288	12.340	ug/l	98
15) Acrylonitrile	4.99	53	297844	67.829	ug/l	98
16) Acetone	3.82	43	231007	64.594	ug/l	96
17) Carbon Disulfide	4.05	76	495247	12.539	ug/l	100
18) Methyl Acetate	4.33	43	165663	14.001	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	465570	14.759	ug/l	100
20) Methylene Chloride	4.55	84	195208	13.441	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	171618	13.372	ug/l	99
22) Diisopropyl ether	5.96	45	691345	15.931	ug/l	99
23) Vinyl Acetate	5.90	43	2003237	69.833	ug/l	99
24) 1,1-Dichloroethane	5.85	63	362704	14.025	ug/l	99
25) 2-Butanone	6.84	43	498802	97.405	ug/l	98
26) 2,2-Dichloropropane	6.82	77	207686	10.710	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	272445	19.492	ug/l	94
28) Bromochloromethane	7.20	49	240999	19.635	ug/l	98
29) Tetrahydrofuran	7.22	42	343177	104.168	ug/l	98
30) Chloroform	7.37	83	478584	19.260	ug/l	98
31) Cyclohexane	7.66	56	450199	20.002	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	407363	19.033	ug/l	98
36) 1,1-Dichloropropene	7.79	75	368256	19.725	ug/l	99
37) Ethyl Acetate	6.94	43	237151	20.122	ug/l	99
38) Carbon Tetrachloride	7.77	117	356228	18.940	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	362793	18.811	ug/l	98
40) Benzene	8.04	78	1095287	19.363	ug/l	99
41) Methacrylonitrile	7.17	41	135453	20.315	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	356365	19.090	ug/l	97
43) Isopropyl Acetate	8.17	43	448319	20.689	ug/l	98
44) Trichloroethene	8.84	130	271568	19.227	ug/l	98
45) 1,2-Dichloropropane	9.12	63	303061	19.479	ug/l	97
46) Dibromomethane	9.21	93	164420	19.129	ug/l	97
47) Bromodichloromethane	9.40	83	364627	18.834	ug/l	98
48) Methyl methacrylate	9.20	41	194901	18.407	ug/l	91
49) 1,4-Dioxane	9.20	88	48810	390.353	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1144285	99.153	ug/l	98
52) Toluene	10.16	92	648121	19.693	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	317490	17.249	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	370946	17.391	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	231965	19.206	ug/l	98
56) Ethyl methacrylate	10.43	69	285991	19.642	ug/l	94
57) 1,3-Dichloropropane	10.71	76	405758	19.591	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	447208	89.785	ug/l	100
59) 2-Hexanone	10.75	43	706059	98.186	ug/l	98
60) Dibromochloromethane	10.90	129	252186	18.828	ug/l	100
61) 1,2-Dibromoethane	11.01	107	222041	19.878	ug/l	97
64) Tetrachloroethene	10.63	164	299277	22.167	ug/l	99
65) Chlorobenzene	11.44	112	672779	19.354	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	251102	18.991	ug/l	99
67) Ethyl Benzene	11.51	91	1190402	19.850	ug/l	97
68) m/p-Xylenes	11.62	106	897699	40.935	ug/l	99
69) o-Xylene	11.95	106	431141	20.415	ug/l	97
70) Styrene	11.97	104	687534	20.563	ug/l	98
71) Bromoform	12.13	173	158540	19.184	ug/l #	99
73) Isopropylbenzene	12.25	105	1143003	19.059	ug/l	99
74) N-amyl acetate	12.07	43	313238	18.335	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	277592	21.017	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	228341m	20.744	ug/l	
77) Bromobenzene	12.53	156	272722	20.560	ug/l	97
78) n-propylbenzene	12.59	91	1301004	19.528	ug/l	99
79) 2-Chlorotoluene	12.68	91	799102	19.019	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	929054	20.204	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	55499	14.851	ug/l	95
82) 4-Chlorotoluene	12.78	91	782761	19.641	ug/l	100
83) tert-Butylbenzene	12.99	119	764827	19.308	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	934229	20.440	ug/l	100
85) sec-Butylbenzene	13.17	105	1041684	19.725	ug/l	99
86) p-Isopropyltoluene	13.29	119	842282	19.693	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	459728	19.594	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	436595	18.893	ug/l	98
89) n-Butylbenzene	13.62	91	648096	18.329	ug/l	99
90) Hexachloroethane	13.88	117	172146	18.837	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	452575	19.609	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39306	18.842	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	147639	17.971	ug/l	100
94) Hexachlorobutadiene	15.01	225	124020	17.769	ug/l	98
95) Naphthalene	15.14	128	328947	18.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	160403	17.598	ug/l	97

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

