

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110818\
 Data File : VN052218.D
 Acq On : 8 Nov 2018 12:35
 Operator : MD\SY
 Sample : VN1108WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 11:49:09 AM

Quant Time: Nov 08 13:08:26 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	359721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	623869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	222942	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.59	113	199716	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	10.09	98	755746	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	242222	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	65128	20.763	ug/l	88
3) Chloromethane	2.06	50	86022	20.318	ug/l	95
4) Vinyl Chloride	2.19	62	83834	20.674	ug/l	97
5) Bromomethane	2.58	94	55824	18.415	ug/l	94
6) Chloroethane	2.71	64	53372	20.585	ug/l	97
7) Trichlorofluoromethane	3.03	101	119518	20.290	ug/l	94
8) Diethyl Ether	3.41	74	39762	19.322	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.77	101	73440	20.864	ug/l	96
10) Methyl Iodide	3.96	142	99995	20.121	ug/l	99
11) Tert butyl alcohol	4.78	59	20914	112.787	ug/l	99
12) 1,1-Dichloroethene	3.74	96	65474	19.758	ug/l	99
13) Acrolein	3.61	56	13661	95.868	ug/l	98
14) Allyl chloride	4.33	41	108056	19.537	ug/l	94
15) Acrylonitrile	4.99	53	125931	103.737	ug/l	99
16) Acetone	3.82	43	98690	102.121	ug/l	98
17) Carbon Disulfide	4.06	76	175961	18.607	ug/l	95
18) Methyl Acetate	4.33	43	60312	19.639	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	187388	20.547	ug/l	99
20) Methylene Chloride	4.55	84	78095	19.448	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	73993	20.140	ug/l	97
22) Diisopropyl ether	5.95	45	249101	20.531	ug/l	98
23) Vinyl Acetate	5.90	43	836026	104.244	ug/l	100
24) 1,1-Dichloroethane	5.85	63	145791	21.150	ug/l	99
25) 2-Butanone	6.84	43	151540	101.125	ug/l	96
26) 2,2-Dichloropropane	6.82	77	112031	20.766	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	87451	20.918	ug/l	97
28) Bromochloromethane	7.20	49	68887	21.122	ug/l	99
29) Tetrahydrofuran	7.21	42	94623	102.054	ug/l	99
30) Chloroform	7.37	83	146297	21.298	ug/l	98
31) Cyclohexane	7.66	56	129397	19.071	ug/l #	94
32) 1,1,1-Trichloroethane	7.57	97	121636	20.101	ug/l	98
36) 1,1-Dichloropropene	7.79	75	106184	19.240	ug/l	97
37) Ethyl Acetate	6.93	43	69121	20.293	ug/l #	91
38) Carbon Tetrachloride	7.78	117	106246	19.256	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124830	19.098	ug/l	98
40) Benzene	8.04	78	330950	20.399	ug/l	100
41) Methacrylonitrile	7.17	41	29827m	16.604	ug/l	
42) 1,2-Dichloroethane	8.13	62	105000	20.132	ug/l	100
43) Isopropyl Acetate	8.16	43	125632	19.951	ug/l	98
44) Trichloroethene	8.84	130	86141	20.054	ug/l	99
45) 1,2-Dichloropropane	9.12	63	88390	20.572	ug/l	99
46) Dibromomethane	9.21	93	52376	19.168	ug/l	96
47) Bromodichloromethane	9.40	83	104457	19.601	ug/l	97
48) Methyl methacrylate	9.20	41	61054	20.145	ug/l	95
49) 1,4-Dioxane	9.20	88	12228	466.385	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	338286	101.685	ug/l	99
52) Toluene	10.16	92	197476	20.185	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	103437	19.786	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	123365	20.166	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	70528	20.447	ug/l	97
56) Ethyl methacrylate	10.43	69	85810	19.085	ug/l	100
57) 1,3-Dichloropropane	10.71	76	123138	20.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	248437	102.674	ug/l	99
59) 2-Hexanone	10.75	43	229653	99.165	ug/l	96
60) Dibromochloromethane	10.90	129	77071	19.648	ug/l	98
61) 1,2-Dibromoethane	11.00	107	70346	20.091	ug/l	97
64) Tetrachloroethene	10.63	164	71282	19.928	ug/l	98
65) Chlorobenzene	11.43	112	222294	19.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	75960	20.099	ug/l	95
67) Ethyl Benzene	11.51	91	373368	19.975	ug/l	99
68) m/p-Xylenes	11.62	106	291110	40.363	ug/l	99
69) o-Xylene	11.95	106	139277	19.912	ug/l	97
70) Styrene	11.96	104	221023	19.961	ug/l	99
71) Bromoform	12.13	173	42944	18.883	ug/l #	100
73) Isopropylbenzene	12.25	105	373314	20.604	ug/l	99
74) N-amyl acetate	12.07	43	104088	19.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	80737	20.358	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	59788m	15.854	ug/l	
77) Bromobenzene	12.52	156	84671	19.597	ug/l	93
78) n-propylbenzene	12.59	91	417631	20.169	ug/l	99
79) 2-Chlorotoluene	12.67	91	242157	19.943	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	297533	20.288	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19528	18.542	ug/l	96
82) 4-Chlorotoluene	12.77	91	243340	19.939	ug/l	100
83) tert-Butylbenzene	12.99	119	258259	19.943	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	293233	20.086	ug/l	99
85) sec-Butylbenzene	13.17	105	355270	20.289	ug/l	99
86) p-Isopropyltoluene	13.29	119	295496	20.049	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	153164	20.060	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	148524	19.462	ug/l	97
89) n-Butylbenzene	13.61	91	247516	19.395	ug/l	97
90) Hexachloroethane	13.87	117	50106	20.172	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	147274	20.554	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11031	21.071	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	61525	19.628	ug/l	97
94) Hexachlorobutadiene	15.01	225	34206	20.110	ug/l	100
95) Naphthalene	15.13	128	142821	19.463	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	55280	20.068	ug/l	98

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

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