

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052698.D
 Acq On : 6 Dec 2018 14:33
 Operator : MD\SY
 Sample : VN1206WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 1:12:49 PM

Quant Time: Dec 07 07:06:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	897840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1415805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1246351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	558001	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	522143	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
35) Dibromofluoromethane	7.59	113	461705	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.09	98	1770539	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.40	95	593654	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	144400	17.177	ug/l	100
3) Chloromethane	2.06	50	194019	17.484	ug/l	100
4) Vinyl Chloride	2.19	62	206114	18.081	ug/l	100
5) Bromomethane	2.58	94	122331	17.199	ug/l	98
6) Chloroethane	2.71	64	127461	18.459	ug/l	96
7) Trichlorofluoromethane	3.02	101	271147	19.364	ug/l	98
8) Diethyl Ether	3.42	74	105128	20.331	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	167649	19.188	ug/l	98
10) Methyl Iodide	3.96	142	239208	20.556	ug/l	100
11) Tert butyl alcohol	4.78	59	53220	108.744	ug/l	98
12) 1,1-Dichloroethene	3.74	96	158137	18.803	ug/l	98
13) Acrolein	3.61	56	45639	53.656	ug/l	99
14) Allyl chloride	4.33	41	257487	17.763	ug/l	93
15) Acrylonitrile	4.99	53	320513	103.458	ug/l	98
16) Acetone	3.82	43	227683	88.301	ug/l	99
17) Carbon Disulfide	4.06	76	421958	15.943	ug/l	99
18) Methyl Acetate	4.33	43	169134	22.868	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	463533	20.715	ug/l	100
20) Methylene Chloride	4.55	84	193827	19.209	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	172655	19.221	ug/l	96
22) Diisopropyl ether	5.95	45	607294	19.945	ug/l	98
23) Vinyl Acetate	5.90	43	1796768	94.743	ug/l	99
24) 1,1-Dichloroethane	5.85	63	349655	20.113	ug/l	99
25) 2-Butanone	6.84	43	359162	98.273	ug/l	97
26) 2,2-Dichloropropane	6.83	77	223561	18.579	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	205460	19.636	ug/l	99
28) Bromochloromethane	7.20	49	164952	20.774	ug/l	94
29) Tetrahydrofuran	7.21	42	240116	101.862	ug/l	98
30) Chloroform	7.37	83	341751	19.703	ug/l	96
31) Cyclohexane	7.66	56	308691	18.112	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	274224	19.955	ug/l	100
36) 1,1-Dichloropropene	7.79	75	249556	18.666	ug/l	99
37) Ethyl Acetate	6.93	43	164353	20.143	ug/l	98
38) Carbon Tetrachloride	7.78	117	234502	19.375	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	287115	17.668	ug/l	100
40) Benzene	8.04	78	779936	19.574	ug/l	100
41) Methacrylonitrile	7.18	41	75497	16.924	ug/l #	85
42) 1,2-Dichloroethane	8.13	62	241780	20.041	ug/l	99
43) Isopropyl Acetate	8.16	43	282344	20.447	ug/l #	88
44) Trichloroethene	8.84	130	206938	20.276	ug/l	98
45) 1,2-Dichloropropane	9.12	63	208160	19.650	ug/l	98
46) Dibromomethane	9.21	93	118204	20.157	ug/l	98
47) Bromodichloromethane	9.40	83	252880	19.834	ug/l	98
48) Methyl methacrylate	9.20	41	144878	20.122	ug/l	99
49) 1,4-Dioxane	9.20	88	33324	445.958	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	814585	105.142	ug/l	100
52) Toluene	10.16	92	473457	20.000	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	239492	19.525	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	289655	19.706	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	174546	20.961	ug/l	99
56) Ethyl methacrylate	10.43	69	216677	20.422	ug/l	98
57) 1,3-Dichloropropane	10.71	76	300017	20.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	615930	101.934	ug/l	99
59) 2-Hexanone	10.75	43	526479	101.251	ug/l	99
60) Dibromochloromethane	10.90	129	187227	20.701	ug/l	99
61) 1,2-Dibromoethane	11.01	107	169187	20.456	ug/l	100
64) Tetrachloroethene	10.63	164	221228	22.894	ug/l	99
65) Chlorobenzene	11.43	112	519269	20.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	182433	20.416	ug/l	98
67) Ethyl Benzene	11.51	91	881882	19.595	ug/l	99
68) m/p-Xylenes	11.62	106	664262	39.648	ug/l	100
69) o-Xylene	11.95	106	326651	20.077	ug/l	100
70) Styrene	11.96	104	525839	20.292	ug/l	100
71) Bromoform	12.13	173	123061	20.799	ug/l #	99
73) Isopropylbenzene	12.25	105	872909	19.939	ug/l	100
74) N-amyl acetate	12.07	43	217244	19.642	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	197156	19.797	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	171949m	19.983	ug/l	
77) Bromobenzene	12.53	156	219102	20.248	ug/l	98
78) n-propylbenzene	12.59	91	976195	19.628	ug/l	99
79) 2-Chlorotoluene	12.67	91	585798	19.779	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	705518	20.207	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	50478	19.591	ug/l	96
82) 4-Chlorotoluene	12.77	91	581265	19.473	ug/l	99
83) tert-Butylbenzene	12.99	119	621876	19.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	713450	20.390	ug/l	99
85) sec-Butylbenzene	13.17	105	843455	19.895	ug/l	100
86) p-Isopropyltoluene	13.29	119	709785	19.656	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	373426	19.729	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	365184	19.587	ug/l	99
89) n-Butylbenzene	13.62	91	570283	18.990	ug/l	99
90) Hexachloroethane	13.88	117	120044	19.634	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	369575	20.437	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29433	20.665	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	168505	18.877	ug/l	100
94) Hexachlorobutadiene	15.01	225	113606	19.528	ug/l	100
95) Naphthalene	15.13	128	346326	18.783	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	164044	19.755	ug/l	100

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

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