

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053626.D
 Acq On : 6 Feb 2019 11:22
 Operator : JC/SP
 Sample : VN0206WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2019 11:04:16 AM

Quant Time: Feb 07 04:01:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	697408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1049788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	925307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	444202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	353635	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	337055	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.09	98	1258974	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	421103	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	148993	19.160	ug/l	100
3) Chloromethane	2.06	50	155916	18.831	ug/l	99
4) Vinyl Chloride	2.19	62	154293	19.197	ug/l	99
5) Bromomethane	2.57	94	101882	19.387	ug/l	95
6) Chloroethane	2.71	64	88026	19.165	ug/l	100
7) Trichlorofluoromethane	3.02	101	208625	19.141	ug/l	99
8) Diethyl Ether	3.41	74	76279	19.163	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	133184	19.758	ug/l	98
10) Methyl Iodide	3.96	142	194069	18.343	ug/l	99
11) Tert butyl alcohol	4.78	59	39777	96.066	ug/l	99
12) 1,1-Dichloroethene	3.74	96	124865	19.334	ug/l	99
13) Acrolein	3.61	56	31291	138.801	ug/l	97
14) Allyl chloride	4.33	41	195917	19.053	ug/l	97
15) Acrylonitrile	4.99	53	227334	101.701	ug/l	98
16) Acetone	3.82	43	180469	100.563	ug/l	100
17) Carbon Disulfide	4.06	76	359640	17.884	ug/l	99
18) Methyl Acetate	4.32	43	108500	20.415	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	322366	19.690	ug/l	99
20) Methylene Chloride	4.55	84	141301	18.768	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	131230	18.835	ug/l	97
22) Diisopropyl ether	5.95	45	367912	19.310	ug/l	95
23) Vinyl Acetate	5.90	43	1279398	97.066	ug/l	99
24) 1,1-Dichloroethane	5.85	63	244162	19.213	ug/l	99
25) 2-Butanone	6.83	43	250914	98.034	ug/l	98
26) 2,2-Dichloropropane	6.82	77	184353	19.003	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	149449	19.290	ug/l	97
28) Bromochloromethane	7.19	49	106508	19.313	ug/l	98
29) Tetrahydrofuran	7.21	42	163190	99.294	ug/l	98
30) Chloroform	7.37	83	236955	18.809	ug/l	96
31) Cyclohexane	7.65	56	220482	18.528	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	201426	19.213	ug/l	99
36) 1,1-Dichloropropene	7.79	75	185594	19.612	ug/l	99
37) Ethyl Acetate	6.93	43	109409	20.701	ug/l	99
38) Carbon Tetrachloride	7.78	117	180267	18.910	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	216088	19.247	ug/l	97
40) Benzene	8.04	78	561316	19.235	ug/l	99
41) Methacrylonitrile	7.18	41	56156	19.011	ug/l #	90
42) 1,2-Dichloroethane	8.12	62	167066	19.281	ug/l	99
43) Isopropyl Acetate	8.16	43	184779	18.103	ug/l	99
44) Trichloroethene	8.83	130	155628	18.732	ug/l	100
45) 1,2-Dichloropropane	9.12	63	146525	19.631	ug/l	99
46) Dibromomethane	9.21	93	85669	19.040	ug/l	98
47) Bromodichloromethane	9.40	83	180707	19.316	ug/l	100
48) Methyl methacrylate	9.20	41	87534	17.966	ug/l	92
49) 1,4-Dioxane	9.20	88	27247	409.954	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	516414	102.960	ug/l	98
52) Toluene	10.16	92	338258	19.531	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	176721	18.865	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	211006	19.008	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	124370	19.928	ug/l	97
56) Ethyl methacrylate	10.43	69	142787	19.340	ug/l	99
57) 1,3-Dichloropropane	10.71	76	208227	19.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	405209	93.672	ug/l	99
59) 2-Hexanone	10.75	43	324595	95.329	ug/l	99
60) Dibromochloromethane	10.90	129	138104	19.623	ug/l	99
61) 1,2-Dibromoethane	11.01	107	116021	18.783	ug/l	99
64) Tetrachloroethene	10.63	164	148050	18.665	ug/l	99
65) Chlorobenzene	11.44	112	372376	18.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	133011	19.378	ug/l	99
67) Ethyl Benzene	11.51	91	624004	19.327	ug/l	99
68) m/p-Xylenes	11.62	106	488322	39.629	ug/l	99
69) o-Xylene	11.95	106	237268	19.931	ug/l	98
70) Styrene	11.96	104	380281	19.708	ug/l	100
71) Bromoform	12.13	173	93511	19.871	ug/l #	99
73) Isopropylbenzene	12.25	105	616323	19.737	ug/l	100
74) N-amyl acetate	12.07	43	145817	19.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	143289	19.173	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	117916m	20.667	ug/l	
77) Bromobenzene	12.53	156	164521	19.549	ug/l	97
78) n-propylbenzene	12.59	91	721403	19.984	ug/l	100
79) 2-Chlorotoluene	12.67	91	422027	19.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	533884	20.618	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36961	18.216	ug/l	97
82) 4-Chlorotoluene	12.77	91	432118	19.663	ug/l	100
83) tert-Butylbenzene	12.99	119	470927	20.577	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	543279	20.593	ug/l	100
85) sec-Butylbenzene	13.17	105	644823	20.705	ug/l	99
86) p-Isopropyltoluene	13.29	119	560687	20.585	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	288809	19.090	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	286715	19.159	ug/l	99
89) n-Butylbenzene	13.62	91	471265	19.989	ug/l	100
90) Hexachloroethane	13.88	117	90521	20.148	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	282292	19.491	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20800	19.529	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	155867	18.764	ug/l	99
94) Hexachlorobutadiene	15.01	225	102844	19.881	ug/l	99
95) Naphthalene	15.13	128	311588	17.150	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	145705	18.904	ug/l	100

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

