

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053792.D
 Acq On : 15 Feb 2019 11:43
 Operator : JC/SP
 Sample : VN0215WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 9:48:06 AM

Quant Time: Feb 15 23:41:31 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	653806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	972943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	892460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	326628	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.59	113	315693	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	10.09	98	1125725	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	379154	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	132810	18.234	ug/l	100
3) Chloromethane	2.06	50	144254	18.585	ug/l	99
4) Vinyl Chloride	2.19	62	157844	20.948	ug/l	99
5) Bromomethane	2.57	94	110854	22.501	ug/l	97
6) Chloroethane	2.71	64	95620	22.207	ug/l	99
7) Trichlorofluoromethane	3.02	101	217427	21.279	ug/l	99
8) Diethyl Ether	3.41	74	76437	20.484	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	139937	22.144	ug/l	98
10) Methyl Iodide	3.96	142	178576	18.004	ug/l	99
11) Tert butyl alcohol	4.78	59	44042	113.459	ug/l	98
12) 1,1-Dichloroethene	3.74	96	124273	20.526	ug/l	96
13) Acrolein	3.61	56	15220	72.015	ug/l	98
14) Allyl chloride	4.33	41	181452	18.823	ug/l	94
15) Acrylonitrile	4.99	53	235764	112.507	ug/l	98
16) Acetone	3.81	43	206851	122.951	ug/l	98
17) Carbon Disulfide	4.06	76	332086	17.615	ug/l	100
18) Methyl Acetate	4.32	43	122155	24.517	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	330791	21.552	ug/l	98
20) Methylene Chloride	4.55	84	144073	20.412	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	128252	19.635	ug/l	97
22) Diisopropyl ether	5.95	45	359835	20.145	ug/l	100
23) Vinyl Acetate	5.90	43	1210495	97.963	ug/l	98
24) 1,1-Dichloroethane	5.85	63	233120	19.567	ug/l	100
25) 2-Butanone	6.83	43	254627	106.119	ug/l	100
26) 2,2-Dichloropropane	6.82	77	181795	19.990	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	143183	19.713	ug/l	98
28) Bromochloromethane	7.19	49	104443	20.201	ug/l	93
29) Tetrahydrofuran	7.21	42	161872	105.060	ug/l	99
30) Chloroform	7.37	83	237764	20.132	ug/l	97
31) Cyclohexane	7.65	56	206396	18.501	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	196743	20.018	ug/l	99
36) 1,1-Dichloropropene	7.79	75	174782	19.928	ug/l	99
37) Ethyl Acetate	6.93	43	107546	21.956	ug/l	100
38) Carbon Tetrachloride	7.77	117	176448	19.971	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	197092	18.942	ug/l	97
40) Benzene	8.04	78	536023	19.819	ug/l	99
41) Methacrylonitrile	7.19	41	69639m	25.437	ug/l	
42) 1,2-Dichloroethane	8.12	62	162221	20.201	ug/l	98
43) Isopropyl Acetate	8.16	43	186077	19.670	ug/l	99
44) Trichloroethene	8.83	130	151036	19.616	ug/l	94
45) 1,2-Dichloropropane	9.12	63	142438	20.591	ug/l	99
46) Dibromomethane	9.21	93	83964	20.135	ug/l	97
47) Bromodichloromethane	9.40	83	178383	20.574	ug/l	98
48) Methyl methacrylate	9.20	41	86663	19.192	ug/l	95
49) 1,4-Dioxane	9.20	88	28748	461.289	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	485189	104.374	ug/l	100
52) Toluene	10.16	92	326011	20.310	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	174670	20.119	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	203745	19.804	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	127425	22.030	ug/l	99
56) Ethyl methacrylate	10.43	69	141407	20.666	ug/l	98
57) 1,3-Dichloropropane	10.71	76	207645	21.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	319982	80.997	ug/l	98
59) 2-Hexanone	10.75	43	341259	108.138	ug/l	100
60) Dibromochloromethane	10.90	129	139666	21.413	ug/l	99
61) 1,2-Dibromoethane	11.01	107	119693	20.908	ug/l	100
64) Tetrachloroethene	10.63	164	153403	20.052	ug/l	99
65) Chlorobenzene	11.43	112	379026	19.994	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	144016	21.753	ug/l	99
67) Ethyl Benzene	11.51	91	624160	20.044	ug/l	100
68) m/p-Xylenes	11.62	106	494919	41.642	ug/l	98
69) o-Xylene	11.95	106	238483	20.770	ug/l	99
70) Styrene	11.96	104	378528	20.340	ug/l	99
71) Bromoform	12.13	173	99964	22.024	ug/l #	97
73) Isopropylbenzene	12.25	105	633374	22.626	ug/l	100
74) N-amyl acetate	12.07	43	145074	21.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	145848	21.770	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	114896m	22.464	ug/l	
77) Bromobenzene	12.53	156	153244	20.312	ug/l	98
78) n-propylbenzene	12.59	91	683610	21.125	ug/l	99
79) 2-Chlorotoluene	12.67	91	401216	20.898	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	510176	21.978	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37509	20.622	ug/l	97
82) 4-Chlorotoluene	12.77	91	406126	20.615	ug/l	100
83) tert-Butylbenzene	12.99	119	445717	21.725	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	514379	21.750	ug/l	99
85) sec-Butylbenzene	13.17	105	623297	22.325	ug/l	99
86) p-Isopropyltoluene	13.29	119	538485	22.053	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	274033	20.206	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	268887	20.043	ug/l	100
89) n-Butylbenzene	13.62	91	443119	20.966	ug/l	100
90) Hexachloroethane	13.87	117	91848	22.805	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	269241	20.737	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21525	22.544	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	142210	19.098	ug/l	100
94) Hexachlorobutadiene	15.01	225	109276	23.564	ug/l	98
95) Naphthalene	15.13	128	263500	16.277	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	139382	20.173	ug/l	98

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

