

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053722.D
 Acq On : 12 Feb 2019 11:32
 Operator : JC/SP
 Sample : VN0212WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 12:15:09 PM

Quant Time: Feb 13 04:40:15 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	645255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1024680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	884592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	425122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	335913	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	7.59	113	326601	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.09	98	1192602	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.40	95	399050	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	141254	19.624	ug/l	99
3) Chloromethane	2.06	50	147941	19.312	ug/l	99
4) Vinyl Chloride	2.19	62	147384	19.819	ug/l	98
5) Bromomethane	2.57	94	109516	22.524	ug/l	94
6) Chloroethane	2.71	64	97583	22.963	ug/l	95
7) Trichlorofluoromethane	3.02	101	210554	20.880	ug/l	97
8) Diethyl Ether	3.41	74	74427	20.209	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	131416	21.072	ug/l	98
10) Methyl Iodide	3.96	142	169067	17.271	ug/l	100
11) Tert butyl alcohol	4.78	59	44824	117.004	ug/l #	86
12) 1,1-Dichloroethene	3.74	96	120089	20.098	ug/l	99
13) Acrolein	3.61	56	18290	87.688	ug/l	99
14) Allyl chloride	4.33	41	190048	19.976	ug/l	99
15) Acrylonitrile	4.99	53	227970	110.229	ug/l	99
16) Acetone	3.82	43	193514	116.548	ug/l	97
17) Carbon Disulfide	4.06	76	330642	17.771	ug/l	100
18) Methyl Acetate	4.33	43	115606	23.510	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	331141	21.861	ug/l	100
20) Methylene Chloride	4.55	84	138569	19.892	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	128805	19.981	ug/l	96
22) Diisopropyl ether	5.95	45	369850	20.980	ug/l	95
23) Vinyl Acetate	5.90	43	1264451	103.686	ug/l	99
24) 1,1-Dichloroethane	5.85	63	239775	20.393	ug/l	99
25) 2-Butanone	6.83	43	263202	111.146	ug/l	100
26) 2,2-Dichloropropane	6.82	77	181433	20.214	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	149282	20.826	ug/l	99
28) Bromochloromethane	7.19	49	100637	19.723	ug/l	94
29) Tetrahydrofuran	7.21	42	170187	111.920	ug/l	98
30) Chloroform	7.37	83	242090	20.770	ug/l	97
31) Cyclohexane	7.65	56	213248	19.376	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	200032	20.622	ug/l	100
36) 1,1-Dichloropropene	7.79	75	181031	19.599	ug/l	98
37) Ethyl Acetate	6.93	43	111868	21.685	ug/l	98
38) Carbon Tetrachloride	7.77	117	178858	19.221	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	206750	18.867	ug/l	99
40) Benzene	8.04	78	550297	19.319	ug/l	99
41) Methacrylonitrile	7.18	41	58200	20.186	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	165330	19.548	ug/l	98
43) Isopropyl Acetate	8.16	43	191268	19.198	ug/l #	87
44) Trichloroethene	8.83	130	153875	18.975	ug/l	98
45) 1,2-Dichloropropane	9.12	63	145655	19.993	ug/l	100
46) Dibromomethane	9.21	93	87176	19.850	ug/l	98
47) Bromodichloromethane	9.40	83	181174	19.841	ug/l	100
48) Methyl methacrylate	9.20	41	89381	18.795	ug/l	93
49) 1,4-Dioxane	9.20	88	28545	437.141	ug/l #	95
51) 4-Methyl-2-Pentanone	9.98	43	506333	103.423	ug/l	99
52) Toluene	10.16	92	336004	19.876	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	178166	19.485	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	211622	19.531	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	124501	20.438	ug/l	99
56) Ethyl methacrylate	10.43	69	145481	20.188	ug/l	99
57) 1,3-Dichloropropane	10.71	76	209928	20.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	345777	82.899	ug/l	98
59) 2-Hexanone	10.75	43	335346	100.899	ug/l	100
60) Dibromochloromethane	10.90	129	139686	20.335	ug/l	98
61) 1,2-Dibromoethane	11.00	107	118615	19.673	ug/l	99
64) Tetrachloroethene	10.63	164	148398	19.570	ug/l	98
65) Chlorobenzene	11.43	112	363761	19.360	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	132925	20.256	ug/l	99
67) Ethyl Benzene	11.51	91	613447	19.875	ug/l	100
68) m/p-Xylenes	11.62	106	478195	40.593	ug/l	100
69) o-Xylene	11.95	106	231570	20.347	ug/l	99
70) Styrene	11.96	104	373737	20.261	ug/l	100
71) Bromoform	12.13	173	93658	20.818	ug/l #	100
73) Isopropylbenzene	12.25	105	615004	20.579	ug/l	100
74) N-amyl acetate	12.07	43	147144	20.475	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	143822	20.108	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	110210m	20.183	ug/l	
77) Bromobenzene	12.53	156	161189	20.013	ug/l	98
78) n-propylbenzene	12.59	91	706992	20.464	ug/l	100
79) 2-Chlorotoluene	12.67	91	420011	20.492	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	527549	21.287	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36961	19.034	ug/l	96
82) 4-Chlorotoluene	12.77	91	422443	20.085	ug/l	99
83) tert-Butylbenzene	12.99	119	467016	21.322	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	539172	21.354	ug/l	100
85) sec-Butylbenzene	13.17	105	636387	21.351	ug/l	100
86) p-Isopropyltoluene	13.29	119	554773	21.282	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	284719	19.664	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	281738	19.671	ug/l	99
89) n-Butylbenzene	13.62	91	463239	20.531	ug/l	100
90) Hexachloroethane	13.87	117	91939	21.382	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	281521	20.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21917	21.501	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	151730	19.086	ug/l	98
94) Hexachlorobutadiene	15.01	225	105136	21.236	ug/l	98
95) Naphthalene	15.13	128	292821	16.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	144347	19.568	ug/l	99

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

