

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053723.D
 Acq On : 12 Feb 2019 11:58
 Operator : JC/SP
 Sample : VN0212WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 12:15:17 PM

Quant Time: Feb 13 04:41:34 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	653816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1010451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	872169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	403161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	358123	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	7.59	113	337846	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.09	98	1228132	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.40	95	408334	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	130457	17.917	ug/l	98
3) Chloromethane	2.06	50	142264	18.328	ug/l	100
4) Vinyl Chloride	2.19	62	141162	18.734	ug/l	99
5) Bromomethane	2.57	94	106157	21.547	ug/l	100
6) Chloroethane	2.71	64	96917	22.508	ug/l	98
7) Trichlorofluoromethane	3.02	101	207476	20.305	ug/l	99
8) Diethyl Ether	3.41	74	72764	19.499	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	119532	18.915	ug/l	97
10) Methyl Iodide	3.96	142	164673	16.602	ug/l	99
11) Tert butyl alcohol	4.78	59	44951	115.799	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	115221	19.031	ug/l	97
13) Acrolein	3.60	56	23998	113.548	ug/l	97
14) Allyl chloride	4.33	41	184922	19.183	ug/l	99
15) Acrylonitrile	4.99	53	229958	109.734	ug/l	99
16) Acetone	3.82	43	181505	107.884	ug/l	97
17) Carbon Disulfide	4.06	76	316230	16.774	ug/l	99
18) Methyl Acetate	4.33	43	116790	23.440	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	326741	21.288	ug/l	99
20) Methylene Chloride	4.55	84	133723	18.945	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	121447	18.593	ug/l	95
22) Diisopropyl ether	5.95	45	357311	20.004	ug/l	95
23) Vinyl Acetate	5.90	43	1238625	100.238	ug/l	99
24) 1,1-Dichloroethane	5.85	63	231916	19.466	ug/l	99
25) 2-Butanone	6.84	43	260670	108.636	ug/l	98
26) 2,2-Dichloropropane	6.82	77	173326	19.058	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	143309	19.731	ug/l	96
28) Bromochloromethane	7.19	49	107813	20.853	ug/l	95
29) Tetrahydrofuran	7.21	42	172975	112.264	ug/l	99
30) Chloroform	7.37	83	229894	19.466	ug/l	99
31) Cyclohexane	7.65	56	201657	18.072	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	192287	19.564	ug/l	99
36) 1,1-Dichloropropene	7.79	75	167485	18.388	ug/l	99
37) Ethyl Acetate	6.93	43	110403	21.702	ug/l	98
38) Carbon Tetrachloride	7.77	117	170531	18.585	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	190000	17.582	ug/l	98
40) Benzene	8.04	78	523549	18.639	ug/l	99
41) Methacrylonitrile	7.17	41	56936	20.025	ug/l #	88
42) 1,2-Dichloroethane	8.12	62	157857	18.928	ug/l	99
43) Isopropyl Acetate	8.17	43	199758	20.333	ug/l	97
44) Trichloroethene	8.83	130	149452	18.689	ug/l	98
45) 1,2-Dichloropropane	9.12	63	136946	19.062	ug/l	98
46) Dibromomethane	9.21	93	84491	19.509	ug/l	98
47) Bromodichloromethane	9.40	83	173208	19.236	ug/l	100
48) Methyl methacrylate	9.20	41	89043	18.987	ug/l	91
49) 1,4-Dioxane	9.20	88	28181	437.599	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	522265	108.180	ug/l	100
52) Toluene	10.16	92	317885	19.069	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	170344	18.892	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	200665	18.780	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	122885	20.457	ug/l	99
56) Ethyl methacrylate	10.43	69	144906	20.391	ug/l	99
57) 1,3-Dichloropropane	10.71	76	201821	19.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	360770	87.246	ug/l	99
59) 2-Hexanone	10.75	43	333306	101.698	ug/l	99
60) Dibromochloromethane	10.90	129	132651	19.582	ug/l	98
61) 1,2-Dibromoethane	11.00	107	114705	19.293	ug/l	100
64) Tetrachloroethene	10.63	164	136760	18.292	ug/l	98
65) Chlorobenzene	11.43	112	350681	18.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	126017	19.477	ug/l	99
67) Ethyl Benzene	11.51	91	575306	18.905	ug/l	100
68) m/p-Xylenes	11.62	106	448295	38.597	ug/l	99
69) o-Xylene	11.95	106	220270	19.630	ug/l	98
70) Styrene	11.96	104	354073	19.468	ug/l	100
71) Bromoform	12.13	173	93596	21.101	ug/l #	99
73) Isopropylbenzene	12.25	105	583221	20.578	ug/l	99
74) N-amyl acetate	12.07	43	145084	21.288	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	146235	21.559	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	127242m	24.572	ug/l	
77) Bromobenzene	12.53	156	150865	19.751	ug/l	100
78) n-propylbenzene	12.59	91	659562	20.131	ug/l	100
79) 2-Chlorotoluene	12.67	91	394671	20.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	488379	20.780	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36688	19.922	ug/l	97
82) 4-Chlorotoluene	12.77	91	393748	19.741	ug/l	100
83) tert-Butylbenzene	12.99	119	444330	21.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	497616	20.782	ug/l	100
85) sec-Butylbenzene	13.17	105	592620	20.966	ug/l	100
86) p-Isopropyltoluene	13.29	119	507091	20.512	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	265312	19.322	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	260055	19.146	ug/l	100
89) n-Butylbenzene	13.62	91	413194	19.310	ug/l	99
90) Hexachloroethane	13.87	117	86109	21.117	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	262074	19.937	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21325	22.060	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	134726	17.870	ug/l	100
94) Hexachlorobutadiene	15.01	225	94828	20.197	ug/l	99
95) Naphthalene	15.13	128	285279	17.285	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	133973	19.151	ug/l	100

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

