

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053599.D
 Acq On : 4 Feb 2019 16:23
 Operator : JC/SP
 Sample : VN0204WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 9:54:14 AM

Quant Time: Feb 05 03:10:55 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	723827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1153010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	988572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	461863	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	386874	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	7.59	113	366390	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.09	98	1365435	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	454384	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	155528	19.268	ug/l	99
3) Chloromethane	2.06	50	169744	19.753	ug/l	99
4) Vinyl Chloride	2.19	62	170715	20.465	ug/l	100
5) Bromomethane	2.57	94	111340	20.413	ug/l	97
6) Chloroethane	2.71	64	95649	20.065	ug/l	99
7) Trichlorofluoromethane	3.02	101	223012	19.714	ug/l	99
8) Diethyl Ether	3.41	74	84206	20.383	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	133873	19.135	ug/l	99
10) Methyl Iodide	3.96	142	213354	19.430	ug/l	100
11) Tert butyl alcohol	4.78	59	44947	104.590	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	133705	19.948	ug/l	99
13) Acrolein	3.61	56	24895	106.399	ug/l	99
14) Allyl chloride	4.33	41	214220	20.073	ug/l	99
15) Acrylonitrile	4.99	53	239702	103.320	ug/l	100
16) Acetone	3.82	43	161631	86.779	ug/l	99
17) Carbon Disulfide	4.06	76	377241	18.075	ug/l	99
18) Methyl Acetate	4.33	43	108825	19.729	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	354757	20.878	ug/l	100
20) Methylene Chloride	4.55	84	152422	19.506	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	140550	19.436	ug/l	99
22) Diisopropyl ether	5.95	45	405345	20.498	ug/l	93
23) Vinyl Acetate	5.90	43	1402312	102.508	ug/l	98
24) 1,1-Dichloroethane	5.85	63	267091	20.250	ug/l	100
25) 2-Butanone	6.84	43	250791	94.409	ug/l	97
26) 2,2-Dichloropropane	6.82	77	178738	17.752	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	160699	19.985	ug/l	98
28) Bromochloromethane	7.19	49	120157	20.993	ug/l	95
29) Tetrahydrofuran	7.21	42	180195	105.638	ug/l	99
30) Chloroform	7.37	83	261163	19.974	ug/l	99
31) Cyclohexane	7.65	56	238067	19.282	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	212179	19.500	ug/l	99
36) 1,1-Dichloropropene	7.79	75	197730	19.024	ug/l	100
37) Ethyl Acetate	6.93	43	116915	20.141	ug/l	99
38) Carbon Tetrachloride	7.78	117	186242	17.787	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	220027	17.843	ug/l	97
40) Benzene	8.04	78	607181	18.944	ug/l	99
41) Methacrylonitrile	7.17	41	63324	19.518	ug/l	92
42) 1,2-Dichloroethane	8.12	62	178797	18.788	ug/l	99
43) Isopropyl Acetate	8.17	43	212176	18.927	ug/l #	85
44) Trichloroethene	8.84	130	169184	18.541	ug/l	99
45) 1,2-Dichloropropane	9.12	63	157575	19.221	ug/l	99
46) Dibromomethane	9.21	93	92962	18.811	ug/l	100
47) Bromodichloromethane	9.40	83	188762	18.371	ug/l	99
48) Methyl methacrylate	9.20	41	95986	17.937	ug/l	92
49) 1,4-Dioxane	9.20	88	28262	389.332	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	534523	97.030	ug/l	100
52) Toluene	10.16	92	363326	19.100	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	185007	17.981	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	224126	18.383	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	134413	19.609	ug/l	99
56) Ethyl methacrylate	10.43	69	154980	19.112	ug/l	98
57) 1,3-Dichloropropane	10.71	76	224320	19.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	442686	93.216	ug/l	99
59) 2-Hexanone	10.75	43	335641	89.748	ug/l	99
60) Dibromochloromethane	10.90	129	142663	18.456	ug/l	99
61) 1,2-Dibromoethane	11.01	107	126093	18.586	ug/l	99
64) Tetrachloroethene	10.63	164	154510	18.233	ug/l	99
65) Chlorobenzene	11.44	112	399919	19.045	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	138211	18.847	ug/l	99
67) Ethyl Benzene	11.51	91	665861	19.304	ug/l	99
68) m/p-Xylenes	11.62	106	516817	39.257	ug/l	100
69) o-Xylene	11.95	106	252155	19.826	ug/l	99
70) Styrene	11.96	104	400335	19.420	ug/l	99
71) Bromoform	12.13	173	92360	18.370	ug/l #	100
73) Isopropylbenzene	12.25	105	656243	20.212	ug/l	100
74) N-amyl acetate	12.07	43	153458	19.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	150361	19.350	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	126143m	21.264	ug/l	
77) Bromobenzene	12.53	156	172528	19.716	ug/l	98
78) n-propylbenzene	12.59	91	748053	19.930	ug/l	100
79) 2-Chlorotoluene	12.68	91	446658	20.058	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	551766	20.493	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	36261	17.188	ug/l	96
82) 4-Chlorotoluene	12.77	91	449138	19.656	ug/l	100
83) tert-Butylbenzene	12.99	119	490554	20.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	562395	20.502	ug/l	100
85) sec-Butylbenzene	13.17	105	648056	20.013	ug/l	99
86) p-Isopropyltoluene	13.29	119	570732	20.152	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	301875	19.191	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	297850	19.142	ug/l	100
89) n-Butylbenzene	13.62	91	473240	19.305	ug/l	100
90) Hexachloroethane	13.87	117	87981	18.834	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	293532	19.492	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21745	19.636	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	172403	19.961	ug/l	99
94) Hexachlorobutadiene	15.01	225	94763	17.618	ug/l	98
95) Naphthalene	15.13	128	384821	20.045	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	163220	20.367	ug/l	99

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

