

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053677.D
 Acq On : 8 Feb 2019 13:17
 Operator : JC/SP
 Sample : VN0208WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:50:21 AM

Quant Time: Feb 09 02:50:58 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	618058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	999884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	867599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	411298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	338393	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
35) Dibromofluoromethane	7.59	113	326021	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.09	98	1180363	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	393882	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	138379	20.063	ug/l	98
3) Chloromethane	2.06	50	150978	20.576	ug/l	98
4) Vinyl Chloride	2.19	62	147373	20.690	ug/l	97
5) Bromomethane	2.57	94	110136	23.648	ug/l	97
6) Chloroethane	2.71	64	100657	24.729	ug/l	98
7) Trichlorofluoromethane	3.02	101	214362	22.193	ug/l	98
8) Diethyl Ether	3.41	74	74669	21.167	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	127719	21.380	ug/l	100
10) Methyl Iodide	3.96	142	188154	20.067	ug/l	100
11) Tert butyl alcohol	4.78	59	43632	118.905	ug/l	96
12) 1,1-Dichloroethene	3.74	96	120789	21.104	ug/l	99
13) Acrolein	3.61	56	26047	130.373	ug/l	99
14) Allyl chloride	4.33	41	192174	21.088	ug/l	97
15) Acrylonitrile	4.99	53	234166	118.207	ug/l	99
16) Acetone	3.82	43	174996	110.033	ug/l	99
17) Carbon Disulfide	4.06	76	341152	19.143	ug/l	100
18) Methyl Acetate	4.33	43	113229	24.040	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	328086	22.613	ug/l	99
20) Methylene Chloride	4.55	84	143203	21.462	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	129015	20.894	ug/l	99
22) Diisopropyl ether	5.95	45	370666	21.952	ug/l	93
23) Vinyl Acetate	5.90	43	1294259	110.800	ug/l	100
24) 1,1-Dichloroethane	5.85	63	242689	21.549	ug/l	99
25) 2-Butanone	6.84	43	260704	114.936	ug/l	98
26) 2,2-Dichloropropane	6.82	77	177296	20.622	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	149898	21.832	ug/l	96
28) Bromochloromethane	7.20	49	100992	20.664	ug/l	96
29) Tetrahydrofuran	7.21	42	170898	117.333	ug/l	98
30) Chloroform	7.37	83	239606	21.462	ug/l	98
31) Cyclohexane	7.66	56	209738	19.900	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	200279	21.556	ug/l	99
36) 1,1-Dichloropropene	7.79	75	172444	19.132	ug/l	97
37) Ethyl Acetate	6.93	43	115496	22.943	ug/l	100
38) Carbon Tetrachloride	7.77	117	177350	19.532	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	195588	18.291	ug/l	99
40) Benzene	8.04	78	549978	19.787	ug/l	99
41) Methacrylonitrile	7.17	41	51516	18.310	ug/l #	78
42) 1,2-Dichloroethane	8.12	62	164861	19.976	ug/l	99
43) Isopropyl Acetate	8.17	43	204783	21.065	ug/l	97
44) Trichloroethene	8.84	130	152886	19.321	ug/l	98
45) 1,2-Dichloropropane	9.12	63	146423	20.596	ug/l	99
46) Dibromomethane	9.21	93	88397	20.627	ug/l	98
47) Bromodichloromethane	9.40	83	181250	20.341	ug/l	97
48) Methyl methacrylate	9.20	41	88807	19.137	ug/l	87
49) 1,4-Dioxane	9.20	88	28056	440.024	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	518036	108.438	ug/l	100
52) Toluene	10.16	92	331722	20.109	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	177649	19.910	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	207480	19.624	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	127837	21.506	ug/l	99
56) Ethyl methacrylate	10.43	69	148201	21.075	ug/l	98
57) 1,3-Dichloropropane	10.71	76	206736	20.350	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	363539	88.698	ug/l	99
59) 2-Hexanone	10.75	43	329945	101.736	ug/l	99
60) Dibromochloromethane	10.90	129	138064	20.597	ug/l	100
61) 1,2-Dibromoethane	11.01	107	118168	20.085	ug/l	100
64) Tetrachloroethene	10.63	164	143542	19.301	ug/l	99
65) Chlorobenzene	11.44	112	363386	19.718	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	133978	20.817	ug/l	99
67) Ethyl Benzene	11.51	91	602121	19.890	ug/l	100
68) m/p-Xylenes	11.62	106	469857	40.666	ug/l	99
69) o-Xylene	11.95	106	229834	20.590	ug/l	99
70) Styrene	11.96	104	371392	20.528	ug/l	99
71) Bromoform	12.13	173	95602	21.667	ug/l #	98
73) Isopropylbenzene	12.25	105	600219	20.759	ug/l	100
74) N-amyl acetate	12.07	43	148318	21.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	147300	21.287	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	121406m	22.981	ug/l	
77) Bromobenzene	12.53	156	158722	20.369	ug/l	100
78) n-propylbenzene	12.59	91	691165	20.678	ug/l	100
79) 2-Chlorotoluene	12.68	91	409575	20.654	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	513054	21.398	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37025	19.707	ug/l	97
82) 4-Chlorotoluene	12.77	91	409063	20.103	ug/l	99
83) tert-Butylbenzene	12.99	119	446848	21.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	517639	21.191	ug/l	99
85) sec-Butylbenzene	13.17	105	620405	21.514	ug/l	100
86) p-Isopropyltoluene	13.29	119	532355	21.108	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	279478	19.951	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	271398	19.586	ug/l	98
89) n-Butylbenzene	13.61	91	441297	20.215	ug/l	99
90) Hexachloroethane	13.87	117	90634	21.787	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	272515	20.321	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21881	22.187	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	144797	18.826	ug/l	98
94) Hexachlorobutadiene	15.01	225	102393	21.377	ug/l	99
95) Naphthalene	15.13	128	303844	17.969	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	140646	19.708	ug/l	100

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

