

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063334.D
 Acq On : 14 Sep 2020 11:38
 Operator : JC/MD
 Sample : VN0914WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 1:58:54 PM

Quant Time: Sep 15 05:32:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	474039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	826199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	742507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	339243	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	365224	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	7.55	113	278094	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	1057604	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.38	95	382772	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	81299	17.857	ug/l	98
3) Chloromethane	2.04	50	119661	18.538	ug/l	96
4) Vinyl Chloride	2.16	62	120712	18.741	ug/l	100
5) Bromomethane	2.54	94	82067	18.262	ug/l	98
6) Chloroethane	2.68	64	76647	18.191	ug/l	99
7) Trichlorofluoromethane	2.98	101	187889	18.863	ug/l	99
8) Diethyl Ether	3.37	74	63121	17.772	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	96940	18.628	ug/l	98
10) Methyl Iodide	3.91	142	120873	17.918	ug/l	100
11) Tert butyl alcohol	4.73	59	92795	94.237	ug/l	100
12) 1,1-Dichloroethene	3.70	96	93158	17.933	ug/l	98
13) Acrolein	3.57	56	41709	100.070	ug/l	97
14) Allyl chloride	4.28	41	183491	17.207	ug/l	97
15) Acrylonitrile	4.93	53	246226	91.455	ug/l	99
16) Acetone	3.77	43	227151	88.325	ug/l	100
17) Carbon Disulfide	4.01	76	271040	17.982	ug/l	100
18) Methyl Acetate	4.28	43	117924	18.241	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	338495	18.236	ug/l	100
20) Methylene Chloride	4.51	84	114205	18.708	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	103932	17.878	ug/l	99
22) Diisopropyl ether	5.90	45	381707	18.189	ug/l	97
23) Vinyl Acetate	5.84	43	1565035	94.744	ug/l	100
24) 1,1-Dichloroethane	5.80	63	207883	18.292	ug/l	99
25) 2-Butanone	6.78	43	346494	91.208	ug/l	99
26) 2,2-Dichloropropane	6.77	77	181303	18.201	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	119969	17.708	ug/l	98
28) Bromochloromethane	7.15	49	104004	18.873	ug/l	97
29) Tetrahydrofuran	7.16	42	227276	91.879	ug/l	98
30) Chloroform	7.33	83	208250	18.301	ug/l	100
31) Cyclohexane	7.61	56	193643	18.538	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	182593	18.408	ug/l	100
36) 1,1-Dichloropropene	7.75	75	152186	17.920	ug/l	100
37) Ethyl Acetate	6.88	43	147398	17.642	ug/l #	81
38) Carbon Tetrachloride	7.73	117	158164	18.923	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	169859	18.334	ug/l	98
40) Benzene	8.00	78	460060	18.967	ug/l	99
41) Methacrylonitrile	7.12	41	61841	16.364	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	173161	18.816	ug/l	99
43) Isopropyl Acetate	8.12	43	261151	18.457	ug/l #	91
44) Trichloroethene	8.80	130	116253	18.327	ug/l	99
45) 1,2-Dichloropropane	9.08	63	126429	19.003	ug/l	98
46) Dibromomethane	9.17	93	80794	18.727	ug/l	99
47) Bromodichloromethane	9.37	83	166499	18.518	ug/l	98
48) Methyl methacrylate	9.16	41	121356	17.976	ug/l	99
49) 1,4-Dioxane	9.16	88	36398	348.212	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	756840	97.062	ug/l	100
52) Toluene	10.12	92	279627	18.882	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	183826	18.749	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	198116	18.767	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	109830	18.926	ug/l	99
56) Ethyl methacrylate	10.40	69	162866	18.456	ug/l	100
57) 1,3-Dichloropropane	10.68	76	194033	19.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	391896	82.792	ug/l	100
59) 2-Hexanone	10.72	43	544380	94.663	ug/l	99
60) Dibromochloromethane	10.87	129	120947	18.980	ug/l	100
61) 1,2-Dibromoethane	10.98	107	110097	18.199	ug/l	99
64) Tetrachloroethene	10.60	164	115220	18.943	ug/l	99
65) Chlorobenzene	11.41	112	296758	18.565	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	108636	18.653	ug/l	98
67) Ethyl Benzene	11.48	91	544776	18.984	ug/l	99
68) m/p-Xylenes	11.60	106	395107	37.221	ug/l	99
69) o-Xylene	11.92	106	191483	18.797	ug/l	100
70) Styrene	11.94	104	318716	18.824	ug/l	99
71) Bromoform	12.10	173	74644	18.530	ug/l #	100
73) Isopropylbenzene	12.22	105	516291	18.868	ug/l	99
74) N-amyl acetate	12.05	43	212585	18.923	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	147836	18.865	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	141694m	18.932	ug/l	
77) Bromobenzene	12.50	156	116394	18.505	ug/l	99
78) n-propylbenzene	12.57	91	598710	19.260	ug/l	99
79) 2-Chlorotoluene	12.65	91	353653	18.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	432438	19.032	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50623	18.174	ug/l	96
82) 4-Chlorotoluene	12.75	91	364093	18.172	ug/l	100
83) tert-Butylbenzene	12.97	119	351744	18.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	430701	18.806	ug/l	98
85) sec-Butylbenzene	13.15	105	469302	19.143	ug/l	100
86) p-Isopropyltoluene	13.26	119	420378	18.704	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	210898	18.341	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	211761	18.619	ug/l	98
89) n-Butylbenzene	13.59	91	371309	18.301	ug/l	100
90) Hexachloroethane	13.85	117	70322	19.022	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	211209	18.584	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31171	17.492	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	111900	16.821	ug/l	99
94) Hexachlorobutadiene	14.98	225	44442	17.714	ug/l	97
95) Naphthalene	15.10	128	338753	16.587	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	108742	17.670	ug/l	99

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

