

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064483.D
 Acq On : 6 Nov 2020 15:14
 Operator : JC/MD
 Sample : VN1106WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBSD01

Quant Time: Nov 07 04:10:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	303020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	523831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	502677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	255859	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.55	113	171048	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.06	98	647887	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.37	95	241087	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68208	17.292	ug/l	93
3) Chloromethane	2.04	50	82019	17.119	ug/l	100
4) Vinyl Chloride	2.17	62	87579	17.800	ug/l	96
5) Bromomethane	2.54	94	56952	18.119	ug/l	98
6) Chloroethane	2.68	64	54947	17.443	ug/l	96
7) Trichlorofluoromethane	2.99	101	131909	18.207	ug/l	93
8) Diethyl Ether	3.37	74	46505	18.177	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	61728	17.942	ug/l	99
10) Methyl Iodide	3.91	142	67052	16.773	ug/l	99
11) Tert butyl alcohol	4.74	59	52134	89.567	ug/l	97
12) 1,1-Dichloroethene	3.69	96	55541	17.138	ug/l	99
13) Acrolein	3.57	56	28142	77.945	ug/l	96
14) Allyl chloride	4.27	41	105002	16.563	ug/l	97
15) Acrylonitrile	4.93	53	153478	94.707	ug/l	100
16) Acetone	3.78	43	182613	90.828	ug/l	100
17) Carbon Disulfide	4.01	76	164518	16.976	ug/l	96
18) Methyl Acetate	4.28	43	71833	18.173	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	203259	17.427	ug/l	100
20) Methylene Chloride	4.50	84	72873	18.268	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	63279	17.197	ug/l	96
22) Diisopropyl ether	5.90	45	239586	17.804	ug/l	97
23) Vinyl Acetate	5.85	43	961111	87.794	ug/l	99
24) 1,1-Dichloroethane	5.79	63	132659	17.940	ug/l	98
25) 2-Butanone	6.79	43	229057	89.416	ug/l	98
26) 2,2-Dichloropropane	6.78	77	114834	17.155	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	73331	17.199	ug/l	98
28) Bromochloromethane	7.15	49	64708	17.802	ug/l	94
29) Tetrahydrofuran	7.17	42	139774	88.933	ug/l	99
30) Chloroform	7.33	83	138994	17.882	ug/l	92
31) Cyclohexane	7.61	56	103317	16.103	ug/l #	91
32) 1,1,1-Trichloroethane	7.52	97	121615	17.640	ug/l	99
36) 1,1-Dichloropropene	7.75	75	96657	17.466	ug/l	97
37) Ethyl Acetate	6.88	43	94766	17.378	ug/l	99
38) Carbon Tetrachloride	7.73	117	106233	17.962	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85903	17.316	ug/l	97
40) Benzene	8.00	78	290709	17.877	ug/l	100
41) Methacrylonitrile	7.12	41	45908	18.712	ug/l	90
42) 1,2-Dichloroethane	8.08	62	124725	19.006	ug/l	99
43) Isopropyl Acetate	8.13	43	157361	17.547	ug/l	99
44) Trichloroethene	8.80	130	74053	18.050	ug/l	98
45) 1,2-Dichloropropane	9.08	63	81193	18.713	ug/l	97
46) Dibromomethane	9.17	93	54850	19.203	ug/l	97
47) Bromodichloromethane	9.37	83	112634	18.340	ug/l	98
48) Methyl methacrylate	9.17	41	81177	17.938	ug/l	99
49) 1,4-Dioxane	9.17	88	22017	369.379	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	482426	92.243	ug/l	99
52) Toluene	10.12	92	176571	17.803	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	117065	17.979	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	126754	18.208	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	72643	18.780	ug/l	98
56) Ethyl methacrylate	10.40	69	96009	16.372	ug/l	97
57) 1,3-Dichloropropane	10.68	76	124043	18.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	265372	102.183	ug/l	98
59) 2-Hexanone	10.72	43	349848	84.739	ug/l	99
60) Dibromochloromethane	10.87	129	80328	18.549	ug/l	98
61) 1,2-Dibromoethane	10.97	107	73858	18.825	ug/l	99
64) Tetrachloroethene	10.60	164	69000	17.820	ug/l	97
65) Chlorobenzene	11.41	112	190683	17.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	74788	18.192	ug/l	98
67) Ethyl Benzene	11.48	91	334373	17.059	ug/l	97
68) m/p-Xylenes	11.59	106	242242	34.077	ug/l	96
69) o-Xylene	11.92	106	115379	16.797	ug/l	98
70) Styrene	11.94	104	198285	17.154	ug/l	98
71) Bromoform	12.10	173	49368	16.860	ug/l #	97
73) Isopropylbenzene	12.22	105	306201	17.318	ug/l	100
74) N-amyl acetate	12.05	43	130666	16.082	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	97473	17.948	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	92058m	17.080	ug/l	
77) Bromobenzene	12.50	156	75087	17.394	ug/l	99
78) n-propylbenzene	12.57	91	351728	17.449	ug/l	99
79) 2-Chlorotoluene	12.65	91	225099	17.606	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	256473	17.583	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	31803	16.475	ug/l	93
82) 4-Chlorotoluene	12.75	91	236227	17.643	ug/l	99
83) tert-Butylbenzene	12.97	119	200541	17.603	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	257011	17.527	ug/l	100
85) sec-Butylbenzene	13.14	105	260375	18.046	ug/l	99
86) p-Isopropyltoluene	13.26	119	232462	17.912	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	132973	17.820	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	132828	17.225	ug/l	100
89) n-Butylbenzene	13.59	91	196316	17.594	ug/l	98
90) Hexachloroethane	13.85	117	45545	18.193	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	131454	18.314	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19606	18.132	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51916	16.433	ug/l	99
94) Hexachlorobutadiene	14.98	225	28596	19.567	ug/l	98
95) Naphthalene	15.10	128	161333	15.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	52372	17.099	ug/l	99

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

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