

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063327.D
 Acq On : 11 Sep 2020 20:18
 Operator : JC/MD
 Sample : L3988-22MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:08:31 PM

Quant Time: Sep 22 04:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 18:39:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	417065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	747496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	687281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	326424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	342884	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.55	113	256381	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	10.06	98	995908	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.38	95	363073	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	178542	44.574	ug/l	99
3) Chloromethane	2.04	50	281627	53.890	ug/l	97
4) Vinyl Chloride	2.16	62	292568	51.627	ug/l	96
5) Bromomethane	2.53	94	179796	45.475	ug/l	96
6) Chloroethane	2.67	64	184324	49.723	ug/l	98
7) Trichlorofluoromethane	2.98	101	429145	48.970	ug/l	100
8) Diethyl Ether	3.38	74	149499	47.843	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	213790	46.695	ug/l	99
10) Methyl Iodide	3.91	142	306806	51.694	ug/l	100
11) Tert butyl alcohol	4.73	59	195083	225.178	ug/l	98
12) 1,1-Dichloroethene	3.70	96	220408	48.226	ug/l	97
13) Acrolein	3.57	56	197996	393.708	ug/l	100
14) Allyl chloride	4.28	41	394335	42.030	ug/l	92
15) Acrylonitrile	4.93	53	618399	261.068	ug/l	100
16) Acetone	3.77	43	513585	226.983	ug/l	99
17) Carbon Disulfide	4.01	76	641293	49.569	ug/l	100
18) Methyl Acetate	4.28	43	265724	46.717	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	801616	49.085	ug/l	97
20) Methylene Chloride	4.50	84	270636	52.603	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	248279	48.543	ug/l	98
22) Diisopropyl ether	5.90	45	921982	49.935	ug/l	96
23) Vinyl Acetate	5.84	43	3602123	247.855	ug/l	100
24) 1,1-Dichloroethane	5.80	63	488960	48.902	ug/l	99
25) 2-Butanone	6.78	43	832528	249.084	ug/l	99
26) 2,2-Dichloropropane	6.78	77	356509	40.680	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	288620	48.420	ug/l	96
28) Bromochloromethane	7.15	49	241890	49.890	ug/l	100
29) Tetrahydrofuran	7.16	42	554733	254.893	ug/l	99
30) Chloroform	7.33	83	500745	50.018	ug/l	99
31) Cyclohexane	7.61	56	443437	48.250	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	427596	48.996	ug/l	100
36) 1,1-Dichloropropene	7.75	75	367523	47.833	ug/l	99
37) Ethyl Acetate	6.88	43	349444	46.229	ug/l	99
38) Carbon Tetrachloride	7.74	117	372501	49.260	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	466878	55.699	ug/l	99
40) Benzene	8.00	78	1093231	49.816	ug/l	100
41) Methacrylonitrile	7.13	41	146301	42.789	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	414310	49.760	ug/l	97
43) Isopropyl Acetate	8.13	43	644338	50.335	ug/l	98
44) Trichloroethene	8.80	130	281576	49.063	ug/l	99
45) 1,2-Dichloropropane	9.08	63	299791	49.804	ug/l	100
46) Dibromomethane	9.18	93	193298	49.521	ug/l	100
47) Bromodichloromethane	9.37	83	400282	49.208	ug/l	99
48) Methyl methacrylate	9.17	41	303010	49.608	ug/l	99
49) 1,4-Dioxane	9.17	88	84240	890.760	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1863144	264.099	ug/l	100
52) Toluene	10.13	92	672767	50.212	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	431326	48.625	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	461304	48.300	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	296915	56.552	ug/l	99
56) Ethyl methacrylate	10.40	69	431209	54.009	ug/l	96
57) 1,3-Dichloropropane	10.68	76	457614	49.879	ug/l	99
59) 2-Hexanone	10.72	43	1358950	261.191	ug/l	99
60) Dibromochloromethane	10.87	129	294622	51.102	ug/l	99
61) 1,2-Dibromoethane	10.98	107	273502	49.969	ug/l	100
64) Tetrachloroethene	10.60	164	285634	50.733	ug/l	98
65) Chlorobenzene	11.41	112	714280	48.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	261032	48.422	ug/l	99
67) Ethyl Benzene	11.49	91	2705101	101.839	ug/l	96
68) m/p-Xylenes	11.59	106	987132	100.466	ug/l	98
69) o-Xylene	11.92	106	476978	50.584	ug/l	99
70) Stvrene	11.94	104	791640	50.514	ug/l	99
71) Bromoform	12.10	173	186372	49.984	ug/l #	99
73) Isopropylbenzene	12.23	105	1778983	67.567	ug/l	100
74) N-amyl acetate	12.05	43	545510	50.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	357302	47.384	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	323920m	44.980	ug/l	
77) Bromobenzene	12.50	156	290499	48.000	ug/l	98
78) n-propylbenzene	12.57	91	2130216	71.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	879562	47.825	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1203955	55.069	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	120372	44.910	ug/l	99
82) 4-Chlorotoluene	12.75	91	923084	47.881	ug/l	100
83) tert-Butylbenzene	12.97	119	887608	47.872	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	2051777	93.109	ug/l	99
85) sec-Butylbenzene	13.15	105	1290435	54.704	ug/l	98
86) p-Isopropyltoluene	13.26	119	1053654	48.721	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	533731	48.239	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	531930	50.281	ug/l	99
89) n-Butylbenzene	13.59	91	1006606	51.562	ug/l	98
90) Hexachloroethane	13.85	117	210999	59.315	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	543799	49.728	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	82019	47.832	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	288396	45.056	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	106732	46.161	ug/l	97
95) Naphthalene	15.10	128	1886610	98.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	278332	48.428	ug/l	96

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

