

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063329.D
 Acq On : 11 Sep 2020 21:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:08:35 PM

Quant Time: Sep 12 05:07:21 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	7.63	168	458495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	815517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	749230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	342521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	357030	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.55	113	261062	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.06	98	1014680	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.38	95	373157	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	200360	45.501	ug/l	98
3) Chloromethane	2.04	50	290582	50.422	ug/l	98
4) Vinyl Chloride	2.16	62	301593	48.411	ug/l	99
5) Bromomethane	2.53	94	207147	47.659	ug/l	97
6) Chloroethane	2.67	64	196358	48.183	ug/l	93
7) Trichlorofluoromethane	2.99	101	452617	46.982	ug/l	99
8) Diethyl Ether	3.38	74	163146	47.493	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	232441	46.181	ug/l	98
10) Methyl Iodide	3.91	142	325282	49.854	ug/l	100
11) Tert butyl alcohol	4.73	59	227546	238.916	ug/l	98
12) 1,1-Dichloroethene	3.70	96	236353	47.042	ug/l	99
13) Acrolein	3.57	56	216792	395.802	ug/l	99
14) Allyl chloride	4.28	41	457281	44.335	ug/l	96
15) Acrylonitrile	4.93	53	649931	249.586	ug/l	100
16) Acetone	3.77	43	560917	225.501	ug/l	96
17) Carbon Disulfide	4.01	76	670479	47.107	ug/l	99
18) Methyl Acetate	4.28	43	306048	48.945	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	867330	48.310	ug/l	99
20) Methylene Chloride	4.51	84	283748	50.107	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	257280	45.758	ug/l	99
22) Diisopropyl ether	5.90	45	973481	47.960	ug/l	97
23) Vinyl Acetate	5.84	43	4104631	256.911	ug/l	99
24) 1,1-Dichloroethane	5.80	63	519204	47.234	ug/l	99
25) 2-Butanone	6.78	43	900061	244.956	ug/l	100
26) 2,2-Dichloropropane	6.78	77	387492	40.220	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	307423	46.915	ug/l	96
28) Bromochloromethane	7.15	49	249307	46.773	ug/l	99
29) Tetrahydrofuran	7.16	42	595237	248.790	ug/l	98
30) Chloroform	7.33	83	527638	47.942	ug/l	98
31) Cyclohexane	7.61	56	458611	45.392	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	460278	47.975	ug/l	99
36) 1,1-Dichloropropene	7.75	75	390533	46.589	ug/l	99
37) Ethyl Acetate	6.88	43	391593	47.484	ug/l	99
38) Carbon Tetrachloride	7.74	117	393819	47.735	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	416661	45.562	ug/l	99
40) Benzene	8.00	78	1156324	48.296	ug/l	99
41) Methacrylonitrile	7.12	41	172664	46.287	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	442728	48.738	ug/l	100
43) Isopropyl Acetate	8.13	43	686448	49.151	ug/l	99
44) Trichloroethene	8.80	130	293966	46.950	ug/l	99
45) 1,2-Dichloropropane	9.08	63	314314	47.861	ug/l	99
46) Dibromomethane	9.17	93	207910	48.821	ug/l	97
47) Bromodichloromethane	9.37	83	426025	48.004	ug/l	99
48) Methyl methacrylate	9.17	41	323272	48.511	ug/l	98
49) 1,4-Dioxane	9.17	88	91599	887.787	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2009900	261.139	ug/l	100
52) Toluene	10.13	92	716249	48.998	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	464003	47.946	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	497789	47.773	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	279495	48.794	ug/l	99
56) Ethyl methacrylate	10.40	69	447672	51.394	ug/l	99
57) 1,3-Dichloropropane	10.68	76	490316	48.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1083325	231.860	ug/l	100
59) 2-Hexanone	10.72	43	1471925	259.308	ug/l	99
60) Dibromochloromethane	10.87	129	316103	50.254	ug/l	100
61) 1,2-Dibromoethane	10.98	107	294334	49.290	ug/l	100
64) Tetrachloroethene	10.60	164	295956	48.220	ug/l	97
65) Chlorobenzene	11.41	112	757034	46.934	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	279794	47.611	ug/l	99
67) Ethyl Benzene	11.49	91	1406314	48.566	ug/l	99
68) m/p-Xylenes	11.60	106	1021894	95.405	ug/l	97
69) o-Xylene	11.92	106	489479	47.618	ug/l	99
70) Styrene	11.94	104	838918	49.104	ug/l	99
71) Bromoform	12.10	173	202603	49.845	ug/l #	98
73) Isopropylbenzene	12.23	105	1321897	47.847	ug/l	99
74) N-amyl acetate	12.05	43	610758	53.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	387987	49.035	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	374043m	49.499	ug/l	
77) Bromobenzene	12.50	156	312116	49.148	ug/l	96
78) n-propylbenzene	12.57	91	1538097	49.006	ug/l	100
79) 2-Chlorotoluene	12.65	91	923013	47.829	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1120591	48.847	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	132350	47.059	ug/l	98
82) 4-Chlorotoluene	12.75	91	951172	47.020	ug/l	100
83) tert-Butylbenzene	12.97	119	910410	46.794	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1130627	48.896	ug/l	99
85) sec-Butylbenzene	13.15	105	1211294	48.936	ug/l	100
86) p-Isopropyltoluene	13.26	119	1095997	48.298	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	553075	47.638	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	546308	49.191	ug/l	99
89) n-Butylbenzene	13.59	91	964321	47.075	ug/l	100
90) Hexachloroethane	13.85	117	193587	51.863	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	543131	47.333	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	86739	48.208	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	289178	43.055	ug/l	99
94) Hexachlorobutadiene	14.98	225	115544	47.664	ug/l	99
95) Naphthalene	15.10	128	978481	48.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	285156	47.263	ug/l	99

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

