

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064216.D
 Acq On : 21 Oct 2020 12:32
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 3:25:08 PM

Quant Time: Oct 21 12:52:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:00:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	649269	157.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.90%	
35) Dibromofluoromethane	7.55	113	487590	154.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.72%	
50) Toluene-d8	10.06	98	1778955	149.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.32%	
62) 4-Bromofluorobenzene	12.38	95	731055	173.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	347.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	521173	186.111	ug/l	97
3) Chloromethane	2.04	50	526095	155.503	ug/l	98
4) Vinyl Chloride	2.16	62	525710	129.486	ug/l	97
5) Bromomethane	2.51	94	313386	106.529	ug/l	98
6) Chloroethane	2.66	64	297157	95.291	ug/l	96
7) Trichlorofluoromethane	2.98	101	860123	150.018	ug/l	99
8) Diethyl Ether	3.37	74	280076	155.675	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	431502	152.962	ug/l	98
10) Methyl Iodide	3.91	142	635306	159.911	ug/l	99
11) Tert butyl alcohol	4.73	59	432093	911.219	ug/l	97
12) 1,1-Dichloroethene	3.70	96	413815	146.220	ug/l	97
13) Acrolein	3.56	56	288127	801.092	ug/l	99
14) Allyl chloride	4.27	41	848016	183.567	ug/l	98
15) Acrylonitrile	4.93	53	970501	762.355	ug/l	99
16) Acetone	3.77	43	966478	795.276	ug/l	97
17) Carbon Disulfide	4.01	76	1229777	152.328	ug/l	99
18) Methyl Acetate	4.27	43	488472	160.463	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1415315	166.833	ug/l	97
20) Methylene Chloride	4.50	84	480483	130.875	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	459544	144.591	ug/l	95
22) Diisopropyl ether	5.90	45	1509508	172.516	ug/l	99
23) Vinyl Acetate	5.84	43	6956121	888.105	ug/l	99
24) 1,1-Dichloroethane	5.79	63	897603	149.749	ug/l	100
25) 2-Butanone	6.78	43	1516442	813.242	ug/l	99
26) 2,2-Dichloropropane	6.78	77	850418	164.909	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	534007	143.250	ug/l	97
28) Bromochloromethane	7.15	49	449485	157.339	ug/l	100
29) Tetrahydrofuran	7.16	42	910000	831.495	ug/l	99
30) Chloroform	7.33	83	935559	147.310	ug/l	99
31) Cyclohexane	7.61	56	715418	156.588	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	889212	159.455	ug/l	99
36) 1,1-Dichloropropene	7.75	75	704660	158.571	ug/l	99
37) Ethyl Acetate	6.88	43	657859	165.875	ug/l	98
38) Carbon Tetrachloride	7.73	117	809049	166.584	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	670252	176.925	ug/l	99
40) Benzene	8.00	78	1970372	148.739	ug/l	100
41) Methacrylonitrile	7.12	41	368253	212.496	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	799507	164.888	ug/l	100
43) Isopropyl Acetate	8.13	43	1205948	179.624	ug/l	99
44) Trichloroethene	8.80	130	546176	156.016	ug/l	95
45) 1,2-Dichloropropane	9.08	63	522188	149.105	ug/l	98
46) Dibromomethane	9.17	93	357400	144.255	ug/l	95
47) Bromodichloromethane	9.37	83	786842	160.617	ug/l	100
48) Methyl methacrylate	9.16	41	613454	195.038	ug/l	99
49) 1,4-Dioxane	9.16	88	153527	3326.962	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	3296724	845.782	ug/l	98
52) Toluene	10.13	92	1273656	156.175	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	907917	178.468	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	924748	166.707	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	489963	145.680	ug/l	98
56) Ethyl methacrylate	10.40	69	769296	176.127	ug/l	98
57) 1,3-Dichloropropane	10.68	76	842378	150.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1957508	894.310	ug/l	99
59) 2-Hexanone	10.72	43	2456222	894.681	ug/l	98
60) Dibromochloromethane	10.87	129	622988	162.647	ug/l	100
61) 1,2-Dibromoethane	10.98	107	519937	151.870	ug/l	99
64) Tetrachloroethene	10.60	164	509392	158.969	ug/l	98
65) Chlorobenzene	11.41	112	1362535	153.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	539379	159.106	ug/l	99
67) Ethyl Benzene	11.48	91	2524507	168.127	ug/l	100
68) m/p-Xylenes	11.60	106	1897883	341.935	ug/l	94
69) o-Xylene	11.92	106	907985	169.804	ug/l	98
70) Styrene	11.94	104	1596211	179.211	ug/l	99
71) Bromoform	12.10	173	452398	178.362	ug/l #	98
73) Isopropylbenzene	12.22	105	2436412	152.487	ug/l	99
74) N-amyl acetate	12.05	43	1123102	182.010	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	665955	124.616	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	650718m	125.920	ug/l	
77) Bromobenzene	12.50	156	598655	140.755	ug/l	98
78) n-propylbenzene	12.57	91	2830980	158.697	ug/l	99
79) 2-Chlorotoluene	12.65	91	1732665	152.714	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2114310	164.334	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	279912	163.386	ug/l	97
82) 4-Chlorotoluene	12.75	91	1855634	161.802	ug/l	99
83) tert-Butylbenzene	12.97	119	1719095	161.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2155804	170.783	ug/l	98
85) sec-Butylbenzene	13.14	105	2248725	164.785	ug/l	100
86) p-Isopropyltoluene	13.26	119	2081500	174.172	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1093477	153.500	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1112035	152.311	ug/l	99
89) n-Butylbenzene	13.59	91	1869632	183.880	ug/l	99
90) Hexachloroethane	13.85	117	364241	159.325	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1059616	149.871	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	169339	157.887	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	656064	217.584	ug/l	98
94) Hexachlorobutadiene	14.98	225	311257	176.235	ug/l	99
95) Naphthalene	15.10	128	1975790	219.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	623229	208.340	ug/l	100

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

