

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064117.D
 Acq On : 14 Oct 2020 16:17
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:28 PM

Quant Time: Oct 14 19:18:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 15:55:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	409554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	664392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	635887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	329931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	844844	129.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.28%	
35) Dibromofluoromethane	7.55	113	696624	152.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.38%	
50) Toluene-d8	10.06	98	2715484	155.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.36%	
62) 4-Bromofluorobenzene	12.38	95	981387	152.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	572155	133.075	ug/l	99
3) Chloromethane	2.04	50	680784	134.261	ug/l	99
4) Vinyl Chloride	2.16	62	839803	159.820	ug/l	97
5) Bromomethane	2.51	94	674481	193.694	ug/l	98
6) Chloroethane	2.66	64	633752	192.090	ug/l	97
7) Trichlorofluoromethane	2.98	101	1184256	146.010	ug/l	100
8) Diethyl Ether	3.37	74	383330	141.946	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	569496	132.769	ug/l	98
10) Methyl Iodide	3.91	142	913362	178.273	ug/l	98
11) Tert butyl alcohol	4.73	59	487913	675.551	ug/l	98
12) 1,1-Dichloroethene	3.69	96	582352	140.831	ug/l	99
13) Acrolein	3.56	56	416974	884.609	ug/l	98
14) Allyl chloride	4.28	41	861288	115.525	ug/l	93
15) Acrylonitrile	4.93	53	1407505	673.078	ug/l	99
16) Acetone	3.77	43	1215446	601.419	ug/l	99
17) Carbon Disulfide	4.01	76	1724332	142.162	ug/l	99
18) Methyl Acetate	4.27	43	616107	117.594	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1849740	126.802	ug/l	100
20) Methylene Chloride	4.50	84	711824	137.146	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	674492	144.689	ug/l	100
22) Diisopropyl ether	5.90	45	1907597	124.705	ug/l	99
23) Vinyl Acetate	5.84	43	8601153	671.840	ug/l	97
24) 1,1-Dichloroethane	5.80	63	1229525	137.246	ug/l	99
25) 2-Butanone	6.78	43	1995024	689.540	ug/l	100
26) 2,2-Dichloropropane	6.78	77	1009816	125.183	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	790731	147.725	ug/l	99
28) Bromochloromethane	7.15	49	624696	143.383	ug/l #	97
29) Tetrahydrofuran	7.16	42	1183627	618.633	ug/l	100
30) Chloroform	7.33	83	1316194	140.040	ug/l	99
31) Cyclohexane	7.61	56	901341	118.259	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	1159361	137.849	ug/l	98
36) 1,1-Dichloropropene	7.75	75	972240	144.705	ug/l	99
37) Ethyl Acetate	6.88	43	876364	133.099	ug/l	99
38) Carbon Tetrachloride	7.73	117	1033114	138.003	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	880308	134.657	ug/l	99
40) Benzene	8.00	78	2939575	151.636	ug/l	99
41) Methacrylonitrile	7.13	41	411742	144.184	ug/l	94
42) 1,2-Dichloroethane	8.09	62	1025322	127.273	ug/l	100
43) Isopropyl Acetate	8.13	43	1521187	141.806	ug/l	99
44) Trichloroethene	8.80	130	778668	152.804	ug/l	96
45) 1,2-Dichloropropane	9.08	63	761021	146.752	ug/l	99
46) Dibromomethane	9.17	93	532191	147.960	ug/l	98
47) Bromodichloromethane	9.37	83	1086630	147.624	ug/l	99
48) Methyl methacrylate	9.17	41	733625	138.221	ug/l	99
49) 1,4-Dioxane	9.17	88	211695	2804.337	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	4367607	691.309	ug/l	95
52) Toluene	10.13	92	1914270	159.634	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	1207356	153.979	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1280075	155.616	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	749507	156.235	ug/l	99
56) Ethyl methacrylate	10.40	69	1128273	167.909	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1252560	155.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2818250	788.422	ug/l	98
59) 2-Hexanone	10.72	43	3323906	710.363	ug/l	97
60) Dibromochloromethane	10.87	129	886300	158.251	ug/l	99
61) 1,2-Dibromoethane	10.98	107	798352	162.071	ug/l	99
64) Tetrachloroethene	10.60	164	702672	141.136	ug/l	97
65) Chlorobenzene	11.41	112	2056476	155.834	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	799528	158.677	ug/l	100
67) Ethyl Benzene	11.49	91	3617266	152.624	ug/l	95
68) m/p-Xylenes	11.59	106	2846549	320.276	ug/l	91
69) o-Xylene	11.92	106	1377167	165.735	ug/l	96
70) Styrene	11.94	104	2391932	170.020	ug/l	100
71) Bromoform	12.10	173	665728	173.169	ug/l #	97
73) Isopropylbenzene	12.23	105	3455318	143.388	ug/l	98
74) N-amyl acetate	12.05	43	1475396	151.713	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	1114129	150.026	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1093898m	150.254	ug/l	
77) Bromobenzene	12.50	156	939567	156.374	ug/l	99
78) n-propylbenzene	12.57	91	3930044	140.326	ug/l	97
79) 2-Chlorotoluene	12.65	91	2461698	142.560	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2961069	146.458	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	401013	159.673	ug/l	97
82) 4-Chlorotoluene	12.75	91	2602595	145.790	ug/l	98
83) tert-Butylbenzene	12.97	119	2449820	148.222	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	3029296	150.840	ug/l	99
85) sec-Butylbenzene	13.15	105	3148694	145.360	ug/l	98
86) p-Isopropyltoluene	13.26	119	2952099	154.251	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1695871	157.240	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1724841	153.453	ug/l	99
89) n-Butylbenzene	13.59	91	2526362	145.038	ug/l	98
90) Hexachloroethane	13.85	117	497240	136.557	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1652711	153.867	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	220389	129.993	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	850026	148.261	ug/l	97
94) Hexachlorobutadiene	14.98	225	387398	116.786	ug/l	99
95) Naphthalene	15.10	128	2628531	150.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	841200	145.581	ug/l	98

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

