

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080520\
 Data File : VN062758.D
 Acq On : 5 Aug 2020 13:04
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/6/2020 1:51:50 PM

Quant Time: Aug 05 13:25:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 12:39:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	154722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	249338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	379963	156.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.74%	
35) Dibromofluoromethane	7.55	113	255890	156.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.02%	
50) Toluene-d8	10.06	98	1028797	157.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.90%	
62) 4-Bromofluorobenzene	12.38	95	419624	174.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	348.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	338626	174.043	ug/l	98
3) Chloromethane	2.03	50	319266	130.293	ug/l	97
4) Vinyl Chloride	2.16	62	294700	137.033	ug/l	99
5) Bromomethane	2.49	94	198637	194.454	ug/l	96
6) Chloroethane	2.63	64	191386	185.547	ug/l	95
7) Trichlorofluoromethane	2.96	101	489352	181.825	ug/l	100
8) Diethyl Ether	3.37	74	144882	125.182	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.70	101	207373	129.027	ug/l	98
10) Methyl Iodide	3.90	142	278836	137.817	ug/l	97
11) Tert butyl alcohol	4.75	59	305963	777.515	ug/l	100
12) 1,1-Dichloroethene	3.68	96	192655	119.611	ug/l	94
13) Acrolein	3.56	56	196656	577.198	ug/l	99
14) Allyl chloride	4.27	41	383556	112.543	ug/l	98
15) Acrylonitrile	4.93	53	747854	736.256	ug/l	99
16) Acetone	3.78	43	628039	693.701	ug/l	100
17) Carbon Disulfide	4.00	76	554375	106.407	ug/l	98
18) Methyl Acetate	4.28	43	321212	140.032	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	903512	148.226	ug/l	99
20) Methylene Chloride	4.49	84	249550	118.131	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	216480	121.305	ug/l	98
22) Diisopropyl ether	5.90	45	856301	123.950	ug/l	98
23) Vinyl Acetate	5.84	43	3154990	570.698	ug/l	99
24) 1,1-Dichloroethane	5.79	63	462687	123.581	ug/l	99
25) 2-Butanone	6.79	43	979253	716.338	ug/l	99
26) 2,2-Dichloropropane	6.77	77	412753	131.709	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	263082	128.441	ug/l	97
28) Bromochloromethane	7.15	49	249704	136.661	ug/l	99
29) Tetrahydrofuran	7.17	42	634296	688.824	ug/l	99
30) Chloroform	7.33	83	494531	136.380	ug/l	99
31) Cyclohexane	7.61	56	444132	128.120	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	444648	144.747	ug/l	98
36) 1,1-Dichloropropene	7.75	75	345900	132.304	ug/l	99
37) Ethyl Acetate	6.88	43	360606	129.035	ug/l	98
38) Carbon Tetrachloride	7.73	117	394256	153.239	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	450600	157.477	ug/l	99
40) Benzene	8.00	78	1003095	127.602	ug/l	99
41) Methacrylonitrile	7.13	41	170814	137.691	ug/l #	77
42) 1,2-Dichloroethane	8.08	62	424746	143.960	ug/l	99
43) Isopropyl Acetate	8.13	43	624719	138.473	ug/l	99
44) Trichloroethene	8.80	130	248920	138.991	ug/l	100
45) 1,2-Dichloropropane	9.08	63	282447	128.034	ug/l	98
46) Dibromomethane	9.17	93	185383	142.979	ug/l	99
47) Bromodichloromethane	9.37	83	424319	149.297	ug/l	100
48) Methyl methacrylate	9.17	41	315253	145.666	ug/l	99
49) 1,4-Dioxane	9.17	88	118162	3412.008	ug/l	95
51) 4-Methyl-2-Pentanone	9.96	43	2123581	772.875	ug/l	100
52) Toluene	10.13	92	655787	142.146	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	484619	154.263	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	482469	145.180	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	267763	148.078	ug/l	98
56) Ethyl methacrylate	10.40	69	482548	167.291	ug/l	98
57) 1,3-Dichloropropane	10.68	76	475033	144.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	669177	822.974	ug/l	100
59) 2-Hexanone	10.72	43	1619436	824.433	ug/l	99
60) Dibromochloromethane	10.88	129	331040	162.614	ug/l	99
61) 1,2-Dibromoethane	10.98	107	283151	150.845	ug/l	99
64) Tetrachloroethene	10.60	164	212645	134.012	ug/l	98
65) Chlorobenzene	11.41	112	724139	141.601	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	294797	150.906	ug/l	97
67) Ethyl Benzene	11.48	91	1366060	145.787	ug/l	98
68) m/p-Xylenes	11.60	106	1002799	297.000	ug/l	98
69) o-Xylene	11.92	106	489974	152.534	ug/l	99
70) Styrene	11.94	104	879990	161.533	ug/l	99
71) Bromoform	12.10	173	248206	167.224	ug/l #	99
73) Isopropylbenzene	12.23	105	1368215	133.387	ug/l	100
74) N-amyl acetate	12.05	43	618267	138.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	436558	122.902	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	458016m	137.479	ug/l	
77) Bromobenzene	12.50	156	329525	133.431	ug/l	97
78) n-propylbenzene	12.57	91	1655343	138.043	ug/l	100
79) 2-Chlorotoluene	12.65	91	995850	134.419	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1252057	146.483	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	168163	141.138	ug/l	98
82) 4-Chlorotoluene	12.75	91	1060991	137.491	ug/l	100
83) tert-Butylbenzene	12.97	119	1040267	146.328	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1254835	149.588	ug/l	100
85) sec-Butylbenzene	13.15	105	1389575	146.064	ug/l	100
86) p-Isopropyltoluene	13.26	119	1296220	157.496	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	613620	140.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	610021	142.419	ug/l	99
89) n-Butylbenzene	13.59	91	1155783	164.083	ug/l	100
90) Hexachloroethane	13.85	117	246612	140.686	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	583796	140.630	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	109428	163.510	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	347982	180.820	ug/l	97
94) Hexachlorobutadiene	14.98	225	185766	146.530	ug/l	99
95) Naphthalene	15.10	128	951246	179.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	337470	172.042	ug/l	100

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

