

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080520\
 Data File : VN062757.D
 Acq On : 5 Aug 2020 12:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/6/2020 1:51:48 PM

Quant Time: Aug 05 13:00:54 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	158171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	263864	106.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.12%	
35) Dibromofluoromethane	7.55	113	175504	105.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.96%	
50) Toluene-d8	10.06	98	698872	105.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.88%	
62) 4-Bromofluorobenzene	12.38	95	275448	113.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	233445	117.367	ug/l	99
3) Chloromethane	2.04	50	211349	84.371	ug/l	99
4) Vinyl Chloride	2.16	62	199818	90.887	ug/l	98
5) Bromomethane	2.49	94	126538	121.172	ug/l	96
6) Chloroethane	2.64	64	122892	116.545	ug/l	96
7) Trichlorofluoromethane	2.96	101	349896	127.174	ug/l	98
8) Diethyl Ether	3.37	74	99215	83.855	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	145434	88.515	ug/l	98
10) Methyl Iodide	3.90	142	188250	91.015	ug/l	99
11) Tert butyl alcohol	4.75	59	217445	540.523	ug/l	100
12) 1,1-Dichloroethene	3.69	96	135556	82.326	ug/l	94
13) Acrolein	3.56	56	127948	367.347	ug/l	98
14) Allyl chloride	4.27	41	265938	76.330	ug/l	97
15) Acrylonitrile	4.93	53	518421	499.252	ug/l	100
16) Acetone	3.78	43	447100	483.076	ug/l	100
17) Carbon Disulfide	4.00	76	378961	71.152	ug/l	98
18) Methyl Acetate	4.28	43	221989	94.666	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	629669	101.048	ug/l	98
20) Methylene Chloride	4.50	84	174175	80.652	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	149627	82.016	ug/l	98
22) Diisopropyl ether	5.90	45	597137	84.551	ug/l	99
23) Vinyl Acetate	5.84	43	2189652	387.444	ug/l	98
24) 1,1-Dichloroethane	5.80	63	323766	84.590	ug/l	99
25) 2-Butanone	6.79	43	686897	491.519	ug/l	99
26) 2,2-Dichloropropane	6.77	77	293688	91.672	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	182943	87.368	ug/l	97
28) Bromochloromethane	7.15	49	171356	91.737	ug/l	100
29) Tetrahydrofuran	7.17	42	447093	474.941	ug/l	99
30) Chloroform	7.33	83	345624	93.236	ug/l	97
31) Cyclohexane	7.61	56	307196	86.685	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	311795	99.286	ug/l	98
36) 1,1-Dichloropropene	7.75	75	237530	89.988	ug/l	98
37) Ethyl Acetate	6.88	43	250631	88.828	ug/l	97
38) Carbon Tetrachloride	7.73	117	274538	105.691	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	308839	106.906	ug/l	99
40) Benzene	8.00	78	702194	88.474	ug/l	99
41) Methacrylonitrile	7.13	41	117606	93.898	ug/l #	77
42) 1,2-Dichloroethane	8.08	62	302639	101.597	ug/l	99
43) Isopropyl Acetate	8.13	43	430903	94.603	ug/l #	90
44) Trichloroethene	8.80	130	168734	93.319	ug/l	96
45) 1,2-Dichloropropane	9.08	63	193640	86.941	ug/l	97
46) Dibromomethane	9.17	93	129467	98.902	ug/l	100
47) Bromodichloromethane	9.37	83	291771	101.682	ug/l	99
48) Methyl methacrylate	9.17	41	216627	99.141	ug/l	99
49) 1,4-Dioxane	9.17	88	84356	2412.633	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1457732	525.486	ug/l	100
52) Toluene	10.13	92	451343	96.899	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	333769	105.233	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	330293	98.442	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	185717	101.727	ug/l	98
56) Ethyl methacrylate	10.40	69	320127	109.925	ug/l	99
57) 1,3-Dichloropropane	10.68	76	326923	98.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	449135	547.098	ug/l	100
59) 2-Hexanone	10.72	43	1126169	567.856	ug/l	100
60) Dibromochloromethane	10.88	129	225989	109.953	ug/l	99
61) 1,2-Dibromoethane	10.98	107	193954	102.342	ug/l	99
64) Tetrachloroethene	10.60	164	145853	93.225	ug/l	99
65) Chlorobenzene	11.41	112	498371	98.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	201492	104.609	ug/l	98
67) Ethyl Benzene	11.49	91	936036	101.314	ug/l	99
68) m/p-Xylenes	11.60	106	682289	204.946	ug/l	98
69) o-Xylene	11.92	106	328470	103.709	ug/l	100
70) Styrene	11.94	104	599904	111.685	ug/l	98
71) Bromoform	12.10	173	170283	116.355	ug/l #	100
73) Isopropylbenzene	12.23	105	929723	92.523	ug/l	100
74) N-amyl acetate	12.05	43	418029	95.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	301824	86.737	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	316581m	97.001	ug/l	
77) Bromobenzene	12.50	156	219120	90.570	ug/l	99
78) n-propylbenzene	12.57	91	1112352	94.690	ug/l	100
79) 2-Chlorotoluene	12.65	91	673672	92.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	832320	99.401	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	113299	97.067	ug/l	98
82) 4-Chlorotoluene	12.75	91	711345	94.097	ug/l	100
83) tert-Butylbenzene	12.97	119	693781	99.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	836795	101.827	ug/l	99
85) sec-Butylbenzene	13.15	105	933701	100.185	ug/l	100
86) p-Isopropyltoluene	13.26	119	859149	106.560	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	409463	95.696	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	411102	97.974	ug/l	99
89) n-Butylbenzene	13.59	91	763707	110.675	ug/l	100
90) Hexachloroethane	13.85	117	163122	94.991	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	397925	97.848	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	75514	115.181	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	222762	118.159	ug/l	98
94) Hexachlorobutadiene	14.98	225	127295	102.496	ug/l	98
95) Naphthalene	15.11	128	620160	119.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	220772	114.889	ug/l	99

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

