

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057554.D
 Acq On : 29 Aug 2019 17:04
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:38:43 AM

Quant Time: Aug 29 17:44:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 17:26:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	532123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	838790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	810302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	447007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	788697	86.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.06%	
35) Dibromofluoromethane	7.58	113	695056	115.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	230.66%	
50) Toluene-d8	10.09	98	2698078	117.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	235.98%	
62) 4-Bromofluorobenzene	12.40	95	984550	126.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	253.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	585285	94.214	ug/l	95
3) Chloromethane	2.05	50	514937	60.477	ug/l	98
4) Vinyl Chloride	2.18	62	779163	73.552	ug/l	98
5) Bromomethane	2.54	94	677448	97.271	ug/l	99
6) Chloroethane	2.69	64	489948	71.254	ug/l	98
7) Trichlorofluoromethane	3.01	101	1599558	92.581	ug/l	99
8) Diethyl Ether	3.40	74	507558	79.714	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	3.74	101	943675	97.231	ug/l #	83
10) Methyl Iodide	3.93	142	1613432	177.967	ug/l	92
11) Tert butyl alcohol	4.80	59	387175	349.531	ug/l	97
12) 1,1-Dichloroethene	3.72	96	896364	96.054	ug/l #	73
13) Acrolein	3.59	56	299680	311.778	ug/l	96
14) Allyl chloride	4.30	41	688013	55.704	ug/l #	85
15) Acrylonitrile	4.97	53	1012896	339.077	ug/l	98
16) Acetone	3.81	43	1466942	331.216	ug/l	94
17) Carbon Disulfide	4.03	76	1282163	76.052	ug/l	99
18) Methyl Acetate	4.31	43	465614	44.469	ug/l #	83
19) Methyl tert-butyl Ether	5.03	73	1822527	84.048	ug/l #	89
20) Methylene Chloride	4.53	84	574238	82.380	ug/l #	79
21) trans-1,2-Dichloroethene	5.01	96	605841	94.035	ug/l #	81
22) Diisopropyl ether	5.94	45	1558332	63.953	ug/l #	91
23) Vinyl Acetate	5.88	43	5969936	312.072	ug/l #	79
24) 1,1-Dichloroethane	5.83	63	1026740	77.277	ug/l	97
25) 2-Butanone	6.83	43	1288444	292.388	ug/l #	78
26) 2,2-Dichloropropane	6.81	77	1048808	88.555	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	732954	95.553	ug/l	79
28) Bromochloromethane	7.18	49	442413	64.530	ug/l #	39
29) Tetrahydrofuran	7.20	42	802887	279.044	ug/l #	68
30) Chloroform	7.36	83	1265505	88.863	ug/l	100
31) Cyclohexane	7.64	56	886426	70.590	ug/l #	78
32) 1,1,1-Trichloroethane	7.56	97	1204695	101.106	ug/l #	92
36) 1,1-Dichloropropene	7.78	75	904069	102.842	ug/l	93
37) Ethyl Acetate	6.92	43	543116	66.857	ug/l #	91
38) Carbon Tetrachloride	7.76	117	1073155	119.153	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1163305	110.326	ug/l #	83
40) Benzene	8.03	78	2701489	102.165	ug/l	99
41) Methacrylonitrile	7.17	41	285645	74.333	ug/l #	86
42) 1,2-Dichloroethane	8.11	62	931425	92.740	ug/l	96
43) Isopropyl Acetate	8.16	43	1050783	70.129	ug/l #	88
44) Trichloroethene	8.83	130	787613	128.508	ug/l	82
45) 1,2-Dichloropropane	9.11	63	626911	86.628	ug/l	99
46) Dibromomethane	9.20	93	501149	104.761	ug/l #	84
47) Bromodichloromethane	9.40	83	1053814	106.489	ug/l	99
48) Methyl methacrylate	9.19	41	479306	67.674	ug/l #	75
49) 1,4-Dioxane	9.20	88	195569	2016.761	ug/l #	75
51) 4-Methyl-2-Pentanone	9.98	43	2792774	335.580	ug/l #	83
52) Toluene	10.15	92	1885600	120.479	ug/l	92
53) t-1,3-Dichloropropene	10.38	75	1084034	105.422	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	1162222	101.957	ug/l #	82
55) 1,1,2-Trichloroethane	10.56	97	713160	113.214	ug/l	93
56) Ethyl methacrylate	10.43	69	970720	101.734	ug/l #	76
57) 1,3-Dichloropropane	10.71	76	1109367	103.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1329913	589.494	ug/l #	80
59) 2-Hexanone	10.75	43	2020442	353.275	ug/l	84
60) Dibromochloromethane	10.90	129	901602	132.477	ug/l	98
61) 1,2-Dibromoethane	11.00	107	776314	124.400	ug/l	97
64) Tetrachloroethene	10.63	164	775803	127.327	ug/l	94
65) Chlorobenzene	11.43	112	2086613	120.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	832304	124.933	ug/l	97
67) Ethyl Benzene	11.51	91	3237049	98.607	ug/l #	76
68) m/p-Xylenes	11.62	106	2853871	250.177	ug/l #	65
69) o-Xylene	11.95	106	1426183	126.748	ug/l	80
70) Styrene	11.96	104	2341020	131.216	ug/l	93
71) Bromoform	12.13	173	619666	136.928	ug/l #	99
73) Isopropylbenzene	12.25	105	3302309	66.067	ug/l	87
74) N-amyl acetate	12.07	43	907185	42.405	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.51	83	863428	60.228	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	788756m	71.161	ug/l	
77) Bromobenzene	12.53	156	942112	92.796	ug/l	67
78) n-propylbenzene	12.59	91	3415857	64.903	ug/l	81
79) 2-Chlorotoluene	12.68	91	2339176	74.586	ug/l	86
80) 1,3,5-Trimethylbenzene	12.73	105	2929757	74.001	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.30	75	263685	62.585	ug/l	85
82) 4-Chlorotoluene	12.77	91	2373500	79.177	ug/l	86
83) tert-Butylbenzene	12.99	119	2683468	75.863	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	2864802	81.564	ug/l	89
85) sec-Butylbenzene	13.17	105	3185417	73.885	ug/l	88
86) p-Isopropyltoluene	13.29	119	3023239	84.964	ug/l	94
87) 1,3-Dichlorobenzene	13.28	146	1640013	109.919	ug/l	96
88) 1,4-Dichlorobenzene	13.37	146	1597785	109.850	ug/l	94
89) n-Butylbenzene	13.62	91	2480629	84.164	ug/l	92
90) Hexachloroethane	13.88	117	610270	75.718	ug/l	82
91) 1,2-Dichlorobenzene	13.66	146	1550093	108.932	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	150056	65.028	ug/l #	59

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	666167	127.990	ug/l	98
94) Hexachlorobutadiene	15.01	225	420014	94.658	ug/l	99
95) Naphthalene	15.13	128	1896387	112.410	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	656064	121.660	ug/l	98

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

