

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057803.D
 Acq On : 9 Sep 2019 16:10
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 4:30:13 PM

Quant Time: Sep 10 02:50:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	373995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	605205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	727437	82.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	165.98%	
35) Dibromofluoromethane	7.57	113	536904	97.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.22%	
50) Toluene-d8	10.08	98	2192347	106.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.58%	
62) 4-Bromofluorobenzene	12.40	95	813947	97.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	505517	86.941	ug/l	97
3) Chloromethane	2.03	50	439308	43.704	ug/l	98
4) Vinyl Chloride	2.16	62	480439	92.715	ug/l	99
5) Bromomethane	2.52	94	276173	109.050	ug/l	98
6) Chloroethane	2.67	64	295775	95.554	ug/l	95
7) Trichlorofluoromethane	2.99	101	575614	71.833	ug/l	100
8) Diethyl Ether	3.39	74	257543	80.644	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	403672	80.355	ug/l	98
10) Methyl Iodide	3.93	142	473394	93.703	ug/l	100
11) Tert butyl alcohol	4.77	59	430176	418.646	ug/l	100
12) 1,1-Dichloroethene	3.71	96	348802	77.604	ug/l	99
13) Acrolein	3.58	56	363873	657.001	ug/l	98
14) Allyl chloride	4.30	41	700206	69.730	ug/l	100
15) Acrylonitrile	4.96	53	1190120	453.469	ug/l	99
16) Acetone	3.80	43	1104988	399.400	ug/l	98
17) Carbon Disulfide	4.02	76	594259	61.035	ug/l	99
18) Methyl Acetate	4.30	43	613449	81.898	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	1554346	81.782	ug/l	99
20) Methylene Chloride	4.52	84	450175	76.234	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	370850	78.384	ug/l	98
22) Diisopropyl ether	5.93	45	1720217	78.892	ug/l	98
23) Vinyl Acetate	5.87	43	6115515	354.421	ug/l	96
24) 1,1-Dichloroethane	5.82	63	895715	79.767	ug/l	99
25) 2-Butanone	6.82	43	1672423	423.419	ug/l	98
26) 2,2-Dichloropropane	6.81	77	747754	80.671	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	514682	85.139	ug/l	99
28) Bromochloromethane	7.18	49	472088	79.466	ug/l	97
29) Tetrahydrofuran	7.19	42	1028928	407.056	ug/l	100
30) Chloroform	7.36	83	945260	80.676	ug/l	98
31) Cyclohexane	7.64	56	641958	66.141	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	777570	80.467	ug/l	100
36) 1,1-Dichloropropene	7.78	75	617707	78.851	ug/l	99
37) Ethyl Acetate	6.91	43	655941	84.409	ug/l	99
38) Carbon Tetrachloride	7.76	117	620415	83.441	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	658182	79.942	ug/l	99
40) Benzene	8.03	78	1913538	85.446	ug/l	99
41) Methacrylonitrile	7.15	41	294071	77.257	ug/l	94
42) 1,2-Dichloroethane	8.11	62	761841	74.207	ug/l	99
43) Isopropyl Acetate	8.15	43	1177625	79.363	ug/l #	92
44) Trichloroethene	8.82	130	467522	92.323	ug/l	100
45) 1,2-Dichloropropane	9.11	63	562602	89.462	ug/l	99
46) Dibromomethane	9.20	93	346811	86.778	ug/l	99
47) Bromodichloromethane	9.40	83	740021	87.197	ug/l	98
48) Methyl methacrylate	9.19	41	584417	76.628	ug/l	99
49) 1,4-Dioxane	9.19	88	190467	2050.255	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	3316671	397.267	ug/l	93
52) Toluene	10.15	92	1255235	91.809	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	833024	97.289	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	878939	94.695	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	535201	95.929	ug/l	98
56) Ethyl methacrylate	10.43	69	849553	96.193	ug/l	99
57) 1,3-Dichloropropane	10.71	76	919717	92.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1627821	362.878	ug/l	100
59) 2-Hexanone	10.75	43	2580655	434.615	ug/l	95
60) Dibromochloromethane	10.90	129	569210	105.902	ug/l	100
61) 1,2-Dibromoethane	11.00	107	525097	98.820	ug/l	99
64) Tetrachloroethene	10.63	164	378807	82.721	ug/l	100
65) Chlorobenzene	11.43	112	1406509	90.305	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	528446	97.484	ug/l	99
67) Ethyl Benzene	11.51	91	2461111	83.302	ug/l	95
68) m/p-Xylenes	11.62	106	1897999	184.675	ug/l	87
69) o-Xylene	11.95	106	935081	91.481	ug/l	100
70) Styrene	11.96	104	1676586	94.507	ug/l	99
71) Bromoform	12.13	173	378501	108.427	ug/l #	98
73) Isopropylbenzene	12.25	105	2519156	79.113	ug/l	97
74) N-amyl acetate	12.07	43	1178687	75.484	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	839425	86.451	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	686975m	82.013	ug/l	
77) Bromobenzene	12.53	156	615948	88.055	ug/l	99
78) n-propylbenzene	12.59	91	2861478	76.026	ug/l	96
79) 2-Chlorotoluene	12.68	91	1812532	78.949	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2198238	81.113	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	253129	94.528	ug/l	98
82) 4-Chlorotoluene	12.78	91	1919057	80.959	ug/l	99
83) tert-Butylbenzene	13.00	119	1932017	83.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2198066	81.794	ug/l	98
85) sec-Butylbenzene	13.17	105	2544804	80.529	ug/l	98
86) p-Isopropyltoluene	13.29	119	2305970	85.505	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	1185030	89.751	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1180232	89.366	ug/l	100
89) n-Butylbenzene	13.62	91	2217046	83.862	ug/l	97
90) Hexachloroethane	13.88	117	388431	93.277	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	1156737	89.085	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	156663	84.206	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	739410	95.346	ug/l	99
94) Hexachlorobutadiene	15.01	225	328252	88.348	ug/l	98
95) Naphthalene	15.13	128	2098535	93.171	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	690622	93.188	ug/l	99

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

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