

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056330.D
 Acq On : 17 Jun 2019 10:25
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 18 04:11:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 03:14:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	355054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	543047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	393568	81.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.42%	
35) Dibromofluoromethane	7.59	113	347107	77.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.66%	
50) Toluene-d8	10.09	98	1346383	78.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	157.42%	
62) 4-Bromofluorobenzene	12.40	95	475994	81.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	324972	79.666	ug/l	97
3) Chloromethane	2.06	50	421136	85.121	ug/l	100
4) Vinyl Chloride	2.18	62	414475	83.996	ug/l	100
5) Bromomethane	2.52	94	233312m	76.886	ug/l	
6) Chloroethane	2.67	64	235099m	82.322	ug/l	
7) Trichlorofluoromethane	3.00	101	510096	80.886	ug/l	100
8) Diethyl Ether	3.40	74	204197	79.988	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	323865	83.475	ug/l	99
10) Methyl Iodide	3.94	142	465142	77.360	ug/l	100
11) Tert butyl alcohol	4.82	59	324741m	392.242	ug/l	
12) 1,1-Dichloroethene	3.72	96	323738	83.649	ug/l	97
13) Acrolein	3.60	56	91932	395.773	ug/l	98
14) Allyl chloride	4.31	41	560409	87.642	ug/l	100
15) Acrylonitrile	4.99	53	928291	451.079	ug/l	99
16) Acetone	3.82	43	1071066	445.581	ug/l	100
17) Carbon Disulfide	4.03	76	893603	90.115	ug/l	100
18) Methyl Acetate	4.33	43	378286	78.536	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1024292	83.252	ug/l	99
20) Methylene Chloride	4.54	84	377927	83.014	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	347611	83.287	ug/l	99
22) Diisopropyl ether	5.96	45	1093986	84.566	ug/l	96
23) Vinyl Acetate	5.90	43	4708967	450.528	ug/l	100
24) 1,1-Dichloroethane	5.84	63	631867	84.667	ug/l	100
25) 2-Butanone	6.84	43	1382303	458.146	ug/l	100
26) 2,2-Dichloropropane	6.82	77	457595	81.931	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	405495	83.153	ug/l	100
28) Bromochloromethane	7.19	49	308576	85.306	ug/l	99
29) Tetrahydrofuran	7.22	42	818822	450.956	ug/l	100
30) Chloroform	7.37	83	622155	83.510	ug/l	100
31) Cyclohexane	7.65	56	597424	78.512	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	526672	84.742	ug/l	100
36) 1,1-Dichloropropene	7.79	75	482624	80.239	ug/l	100
37) Ethyl Acetate	6.93	43	486576	86.198	ug/l	99
38) Carbon Tetrachloride	7.77	117	457686	81.603	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	603991	81.088	ug/l	100
40) Benzene	8.04	78	1467938	80.456	ug/l	100
41) Methacrylonitrile	7.17	41	213107	80.416	ug/l	92
42) 1,2-Dichloroethane	8.12	62	475964	80.234	ug/l	100
43) Isopropyl Acetate	8.17	43	773642	86.854	ug/l	100
44) Trichloroethene	8.83	130	400910	78.598	ug/l	99
45) 1,2-Dichloropropane	9.12	63	391787	82.175	ug/l	99
46) Dibromomethane	9.21	93	256396	82.127	ug/l	100
47) Bromodichloromethane	9.40	83	495193	85.387	ug/l	99
48) Methyl methacrylate	9.20	41	391108	87.965	ug/l	99
49) 1,4-Dioxane	9.20	88	156720	1685.048	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	2462236	433.535	ug/l	100
52) Toluene	10.16	92	922257	81.355	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	535976	89.665	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	606546	88.333	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	371371	82.448	ug/l	99
56) Ethyl methacrylate	10.43	69	583016	86.591	ug/l	99
57) 1,3-Dichloropropane	10.71	76	620866	83.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	999540	440.148	ug/l	99
59) 2-Hexanone	10.75	43	1828316	439.806	ug/l	99
60) Dibromochloromethane	10.90	129	406700	88.625	ug/l	100
61) 1,2-Dibromoethane	11.00	107	391464	83.631	ug/l	99
64) Tetrachloroethene	10.63	164	381243	72.290	ug/l	100
65) Chlorobenzene	11.43	112	1009479	80.040	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	372157	83.736	ug/l	99
67) Ethyl Benzene	11.51	91	1762888	80.057	ug/l	100
68) m/p-Xylenes	11.62	106	1353579	161.364	ug/l	99
69) o-Xylene	11.95	106	654482	79.578	ug/l	100
70) Styrene	11.96	104	1129347	84.485	ug/l	100
71) Bromoform	12.13	173	311735	90.626	ug/l #	99
73) Isopropylbenzene	12.25	105	1715763	70.705	ug/l	99
74) N-amyl acetate	12.07	43	661186	78.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	535201	74.379	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	436611m	75.689	ug/l	
77) Bromobenzene	12.53	156	464746	72.579	ug/l	100
78) n-propylbenzene	12.59	91	1937749	74.752	ug/l	100
79) 2-Chlorotoluene	12.67	91	1148233	71.595	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1448934	71.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	156262	80.438	ug/l	99
82) 4-Chlorotoluene	12.77	91	1167254	76.781	ug/l	100
83) tert-Butylbenzene	12.99	119	1251056	70.685	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1435658	74.782	ug/l	100
85) sec-Butylbenzene	13.17	105	1660913	73.417	ug/l	100
86) p-Isopropyltoluene	13.29	119	1505059	74.804	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	783982	78.407	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	763447	79.214	ug/l	100
89) n-Butylbenzene	13.61	91	1245051	82.159	ug/l	99
90) Hexachloroethane	13.87	117	265376	80.769	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	764748	76.550	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	96112	88.176	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	421713	93.208	ug/l	99
94) Hexachlorobutadiene	15.01	225	260592	68.844	ug/l	98
95) Naphthalene	15.13	128	1101245	92.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	439628	90.028	ug/l	99

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

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