

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056331.D
 Acq On : 17 Jun 2019 10:48
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 18 04:11:54 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	352843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	535913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	491250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	566097	117.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	235.08%	
35) Dibromofluoromethane	7.59	113	502081	114.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.16%	
50) Toluene-d8	10.09	98	1931109	114.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.80%	
62) 4-Bromofluorobenzene	12.40	95	688238	119.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	238.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	477649	117.827	ug/l	99
3) Chloromethane	2.06	50	609688	124.004	ug/l	100
4) Vinyl Chloride	2.18	62	603447	123.059	ug/l	100
5) Bromomethane	2.52	94	297300m	98.586	ug/l	
6) Chloroethane	2.66	64	341106m	120.190	ug/l	
7) Trichlorofluoromethane	2.99	101	749965	119.667	ug/l	100
8) Diethyl Ether	3.40	74	301198	118.724	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	477479	123.840	ug/l	99
10) Methyl Iodide	3.93	142	674349	112.857	ug/l	99
11) Tert butyl alcohol	4.82	59	471697	573.315	ug/l	99
12) 1,1-Dichloroethene	3.72	96	483042	125.592	ug/l	97
13) Acrolein	3.60	56	134161	581.191	ug/l	98
14) Allyl chloride	4.31	41	831394	130.836	ug/l	99
15) Acrylonitrile	4.99	53	1359371	664.690	ug/l	99
16) Acetone	3.82	43	1517730	635.357	ug/l	100
17) Carbon Disulfide	4.03	76	1347738	136.763	ug/l	100
18) Methyl Acetate	4.32	43	558790	116.737	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1516285	124.012	ug/l	99
20) Methylene Chloride	4.54	84	549686	121.499	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	511760	123.386	ug/l	98
22) Diisopropyl ether	5.95	45	1606538	124.965	ug/l	97
23) Vinyl Acetate	5.89	43	6966635	670.706	ug/l	100
24) 1,1-Dichloroethane	5.84	63	937199	126.367	ug/l	100
25) 2-Butanone	6.84	43	2012928	671.338	ug/l	100
26) 2,2-Dichloropropane	6.82	77	674354	121.497	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	591981	122.155	ug/l	99
28) Bromochloromethane	7.19	49	431409	120.010	ug/l	100
29) Tetrahydrofuran	7.22	42	1208067	669.497	ug/l	99
30) Chloroform	7.37	83	915251	123.621	ug/l	99
31) Cyclohexane	7.65	56	872369	115.363	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	774783	125.444	ug/l	99
36) 1,1-Dichloropropene	7.79	75	715652	120.566	ug/l	99
37) Ethyl Acetate	6.93	43	726597	130.431	ug/l	99
38) Carbon Tetrachloride	7.77	117	683222	123.436	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	906171	123.277	ug/l	99
40) Benzene	8.04	78	2156948	119.793	ug/l	99
41) Methacrylonitrile	7.17	41	372094	142.279	ug/l	94
42) 1,2-Dichloroethane	8.12	62	699498	119.485	ug/l	100
43) Isopropyl Acetate	8.17	43	1156113	131.521	ug/l	98
44) Trichloroethene	8.83	130	593870	117.977	ug/l	100
45) 1,2-Dichloropropane	9.12	63	578458	122.943	ug/l	98
46) Dibromomethane	9.21	93	374574	121.578	ug/l	98
47) Bromodichloromethane	9.40	83	733127	128.097	ug/l	99
48) Methyl methacrylate	9.20	41	584380	133.183	ug/l	98
49) 1,4-Dioxane	9.20	88	236156	2572.941	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	3548252	633.070	ug/l	99
52) Toluene	10.16	92	1336796	119.492	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	811793	137.616	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	905650	133.648	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	538088	121.051	ug/l	99
56) Ethyl methacrylate	10.43	69	866006	130.334	ug/l	98
57) 1,3-Dichloropropane	10.71	76	911242	123.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1581522	705.694	ug/l	99
59) 2-Hexanone	10.75	43	2676954	652.521	ug/l	99
60) Dibromochloromethane	10.90	129	601340	132.784	ug/l	100
61) 1,2-Dibromoethane	11.00	107	580664	125.703	ug/l	100
64) Tetrachloroethene	10.63	164	553239	107.023	ug/l	99
65) Chlorobenzene	11.43	112	1474796	119.297	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	551217	126.530	ug/l	99
67) Ethyl Benzene	11.51	91	2603558	120.622	ug/l	99
68) m/p-Xylenes	11.62	106	1979873	240.795	ug/l	100
69) o-Xylene	11.95	106	954662	118.422	ug/l	100
70) Styrene	11.96	104	1664746	127.054	ug/l	100
71) Bromoform	12.13	173	465217	137.978	ug/l #	99
73) Isopropylbenzene	12.25	105	2507222	102.447	ug/l	99
74) N-amyl acetate	12.07	43	979744	115.733	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	787069	108.456	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	642326m	110.409	ug/l	
77) Bromobenzene	12.53	156	678192	105.016	ug/l	99
78) n-propylbenzene	12.59	91	2877389	110.062	ug/l	100
79) 2-Chlorotoluene	12.67	91	1682155	103.999	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2148463	105.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	241217	123.119	ug/l	97
82) 4-Chlorotoluene	12.77	91	1727184	112.652	ug/l	100
83) tert-Butylbenzene	12.99	119	1827277	102.368	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2135463	110.293	ug/l	100
85) sec-Butylbenzene	13.17	105	2445347	107.177	ug/l	100
86) p-Isopropyltoluene	13.29	119	2259026	111.328	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1166251	115.651	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1153551	118.677	ug/l	100
89) n-Butylbenzene	13.61	91	1918233	125.510	ug/l	99
90) Hexachloroethane	13.87	117	394495	119.051	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1140425	113.189	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	151532	137.844	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	698764	153.136	ug/l	99
94) Hexachlorobutadiene	15.01	225	401921	105.282	ug/l	100
95) Naphthalene	15.13	128	1823281	151.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	707085	143.574	ug/l	99

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

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