

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030619\
 Data File : VN054115.D
 Acq On : 6 Mar 2019 12:22
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 11:38:25 AM

Quant Time: Mar 07 06:17:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 05:44:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	687899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1080707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	971720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	449189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	1162642	140.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.46%	
35) Dibromofluoromethane	7.59	113	1014795	144.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.16%	
50) Toluene-d8	10.09	98	3973773	149.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.18%	
62) 4-Bromofluorobenzene	12.40	95	1371299	158.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	863410	130.596	ug/l	100
3) Chloromethane	2.06	50	1208254	127.538	ug/l	100
4) Vinyl Chloride	2.18	62	1198210	133.769	ug/l	100
5) Bromomethane	2.55	94	692689	119.265	ug/l	97
6) Chloroethane	2.70	64	707188	130.254	ug/l	99
7) Trichlorofluoromethane	3.01	101	1474082	134.701	ug/l	99
8) Diethyl Ether	3.41	74	609841	139.853	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	931104	130.783	ug/l	99
10) Methyl Iodide	3.95	142	1290138	170.755	ug/l	100
11) Tert butyl alcohol	4.78	59	421442	838.513	ug/l	100
12) 1,1-Dichloroethene	3.73	96	904770	136.230	ug/l	99
13) Acrolein	3.60	56	400165	905.314	ug/l	100
14) Allyl chloride	4.32	41	1645520	137.505	ug/l	96
15) Acrylonitrile	4.98	53	2091187	737.131	ug/l	99
16) Acetone	3.81	43	1667166	652.255	ug/l	100
17) Carbon Disulfide	4.05	76	2817069	130.040	ug/l	100
18) Methyl Acetate	4.32	43	905868	139.014	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	2754160	147.761	ug/l	99
20) Methylene Chloride	4.55	84	1047273	128.943	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	985779	135.203	ug/l	99
22) Diisopropyl ether	5.95	45	3509596	150.519	ug/l	99
23) Vinyl Acetate	5.89	43	13034762	786.995	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1917183	137.430	ug/l	100
25) 2-Butanone	6.83	43	2538997	749.983	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1420214	141.246	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1131667	139.191	ug/l	99
28) Bromochloromethane	7.19	49	960637	137.965	ug/l	99
29) Tetrahydrofuran	7.21	42	1665146	750.416	ug/l	99
30) Chloroform	7.37	83	1823101	136.391	ug/l	98
31) Cyclohexane	7.65	56	1820526	120.197	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1545225	139.432	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1443189	142.274	ug/l	99
37) Ethyl Acetate	6.92	43	1065598	146.525	ug/l	99
38) Carbon Tetrachloride	7.77	117	1367976	141.266	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	1753393	149.777	ug/l	99
40) Benzene	8.04	78	4328862	144.245	ug/l	100
41) Methacrylonitrile	7.17	41	611959	138.417	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1349938	142.002	ug/l	99
43) Isopropyl Acetate	8.16	43	1882803	166.574	ug/l	99
44) Trichloroethene	8.83	130	1120482	139.240	ug/l	96
45) 1,2-Dichloropropane	9.12	63	1185283	143.188	ug/l	99
46) Dibromomethane	9.21	93	679165	143.729	ug/l	99
47) Bromodichloromethane	9.40	83	1434220	144.995	ug/l	100
48) Methyl methacrylate	9.20	41	953307	170.794	ug/l	97
49) 1,4-Dioxane	9.20	88	245396	3327.106	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	5325043	822.292	ug/l	100
52) Toluene	10.16	92	2627823	147.798	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1591079	163.081	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1798388	155.962	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	967927	144.568	ug/l	99
56) Ethyl methacrylate	10.43	69	1376396	175.122	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1701114	148.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	3142120	873.422	ug/l	100
59) 2-Hexanone	10.75	43	3567443	835.039	ug/l	99
60) Dibromochloromethane	10.90	129	1100314	153.698	ug/l	99
61) 1,2-Dibromoethane	11.00	107	972297	152.622	ug/l	99
64) Tetrachloroethene	10.63	164	1036066	129.919	ug/l	98
65) Chlorobenzene	11.43	112	2864416	141.649	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1047070	144.647	ug/l	99
67) Ethyl Benzene	11.51	91	4994389	147.595	ug/l	100
68) m/p-Xylenes	11.62	106	3753957	293.970	ug/l	99
69) o-Xylene	11.95	106	1833720	149.227	ug/l	99
70) Styrene	11.96	104	3038812	155.790	ug/l	100
71) Bromoform	12.13	173	778960	156.355	ug/l #	99
73) Isopropylbenzene	12.25	105	4763648	133.281	ug/l	100
74) N-amyl acetate	12.07	43	1564672	165.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	1234208	132.673	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1107627m	157.712	ug/l	
77) Bromobenzene	12.53	156	1222480	132.757	ug/l	98
78) n-propylbenzene	12.59	91	5633371	140.070	ug/l	100
79) 2-Chlorotoluene	12.67	91	3296341	134.949	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4052841	139.493	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	376997	169.124	ug/l	95
82) 4-Chlorotoluene	12.77	91	3384977	139.013	ug/l	100
83) tert-Butylbenzene	12.99	119	3460016	134.473	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4103231	142.291	ug/l	99
85) sec-Butylbenzene	13.17	105	4712926	134.975	ug/l	99
86) p-Isopropyltoluene	13.29	119	4135752	140.892	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2161457	138.190	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2118126	136.450	ug/l	100
89) n-Butylbenzene	13.61	91	3718910	150.052	ug/l	99
90) Hexachloroethane	13.87	117	770693	136.887	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2065677	132.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	186908	143.326	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1231002	165.618	ug/l	99
94) Hexachlorobutadiene	15.01	225	654791	117.488	ug/l	100
95) Naphthalene	15.13	128	2804258	182.919	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1184064	158.271	ug/l	99

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

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