

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051341.D
 Acq On : 20 Sep 2018 15:30
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:48:13 PM

Quant Time: Sep 21 04:17:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	724625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	960370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	912000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	513437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1068333	136.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	272.06%	
35) Dibromofluoromethane	7.59	113	1078582	138.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.94%	
50) Toluene-d8	10.09	98	4191960	140.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.00%	
62) 4-Bromofluorobenzene	12.40	95	1433631	147.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	822477	135.826	ug/l	98
3) Chloromethane	2.06	50	1095664	127.539	ug/l	100
4) Vinyl Chloride	2.18	62	1195291	140.037	ug/l	99
5) Bromomethane	2.55	94	840161	141.114	ug/l	97
6) Chloroethane	2.69	64	743701	141.776	ug/l	98
7) Trichlorofluoromethane	3.01	101	1712326	140.325	ug/l	99
8) Diethyl Ether	3.41	74	594013	152.141	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1033504	138.032	ug/l	99
10) Methyl Iodide	3.95	142	1774886	160.171	ug/l	99
11) Tert butyl alcohol	4.79	59	317719	763.046	ug/l	98
12) 1,1-Dichloroethene	3.73	96	979165	144.458	ug/l	99
13) Acrolein	3.61	56	399531	838.353	ug/l	99
14) Allyl chloride	4.32	41	1450028	151.778	ug/l	99
15) Acrylonitrile	4.99	53	1591922	754.425	ug/l	100
16) Acetone	3.82	43	1040434	644.878	ug/l	100
17) Carbon Disulfide	4.05	76	2939017	143.903	ug/l	99
18) Methyl Acetate	4.32	43	675881	121.912	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2571820	156.775	ug/l	99
20) Methylene Chloride	4.55	84	1101489	136.439	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1049599	146.617	ug/l	97
22) Diisopropyl ether	5.95	45	2836051	150.281	ug/l	98
23) Vinyl Acetate	5.90	43	9624514	788.456	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1828558	142.144	ug/l	99
25) 2-Butanone	6.84	43	1611794	718.271	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1517049	142.717	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1199746	151.239	ug/l	98
28) Bromochloromethane	7.20	49	806930	151.347	ug/l	98
29) Tetrahydrofuran	7.21	42	1072085	754.111	ug/l	99
30) Chloroform	7.37	83	1885027	139.433	ug/l	99
31) Cyclohexane	7.65	56	1666623	131.675	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1669422	143.320	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1484517	151.119	ug/l	99
37) Ethyl Acetate	6.93	43	737826	151.712	ug/l	99
38) Carbon Tetrachloride	7.77	117	1558178	146.623	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1897660	165.521	ug/l	99
40) Benzene	8.04	78	4384050	148.114	ug/l	99
41) Methacrylonitrile	7.18	41	405782	160.164	ug/l	95
42) 1,2-Dichloroethane	8.12	62	1293984	144.719	ug/l	100
43) Isopropyl Acetate	8.17	43	1354693	159.056	ug/l #	87
44) Trichloroethene	8.84	130	1273607	149.892	ug/l	96
45) 1,2-Dichloropropane	9.12	63	1114622	147.160	ug/l	99
46) Dibromomethane	9.21	93	681932	146.051	ug/l	99
47) Bromodichloromethane	9.40	83	1474688	148.069	ug/l	99
48) Methyl methacrylate	9.20	41	695621	160.205	ug/l	99
49) 1,4-Dioxane	9.20	88	205068	3193.600	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	3569772	779.187	ug/l	99
52) Toluene	10.16	92	2874156	157.696	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1584372	165.688	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1790672	161.729	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	980588	143.438	ug/l	99
56) Ethyl methacrylate	10.43	69	1255922	173.932	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1645135	152.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3151538	887.673	ug/l	99
59) 2-Hexanone	10.75	43	2383740	771.759	ug/l	100
60) Dibromochloromethane	10.90	129	1234431	154.842	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1014159	154.304	ug/l	100
64) Tetrachloroethene	10.63	164	1181284	148.534	ug/l	99
65) Chlorobenzene	11.43	112	3287717	150.891	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1227905	148.034	ug/l	100
67) Ethyl Benzene	11.51	91	5524351	162.072	ug/l	100
68) m/p-Xylenes	11.62	106	4367485	326.143	ug/l	100
69) o-Xylene	11.95	106	2103462	162.942	ug/l	98
70) Styrene	11.96	104	3373752	168.370	ug/l	100
71) Bromoform	12.13	173	882440	156.752	ug/l #	99
73) Isopropylbenzene	12.25	105	5571282	148.056	ug/l	100
74) N-amyl acetate	12.07	43	1192173	148.088	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1144184	123.210	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1003539m	135.350	ug/l	
77) Bromobenzene	12.53	156	1473809	141.757	ug/l	99
78) n-propylbenzene	12.59	91	6233394	151.948	ug/l	100
79) 2-Chlorotoluene	12.67	91	3619785	143.177	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4610085	151.124	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	362977	169.482	ug/l	95
82) 4-Chlorotoluene	12.77	91	3696524	150.432	ug/l	100
83) tert-Butylbenzene	12.99	119	4107422	150.431	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4692518	154.986	ug/l	100
85) sec-Butylbenzene	13.17	105	5567589	153.332	ug/l	99
86) p-Isopropyltoluene	13.29	119	5057705	160.051	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2605209	149.078	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2544420	150.199	ug/l	99
89) n-Butylbenzene	13.61	91	4154542	169.123	ug/l	99
90) Hexachloroethane	13.87	117	904900	133.712	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2421698	143.452	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	177639	144.427	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	1568897	202.730	ug/l	99
94) Hexachlorobutadiene	15.01	225	923750	140.998	ug/l	99
95) Naphthalene	15.13	128	2984798	218.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1472568	191.251	ug/l	100

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

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