

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051660.D
 Acq On : 4 Oct 2018 12:05
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:53:09 PM

Quant Time: Oct 05 02:09:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 01:55:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	707256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1089626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1058774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	625914	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	923884	98.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.76%	
35) Dibromofluoromethane	7.59	113	846576	100.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.98%	
50) Toluene-d8	10.09	98	3258608	103.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.38%	
62) 4-Bromofluorobenzene	12.40	95	1203886	108.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.44%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	871700	103.859	ug/l 98
3) Chloromethane	2.06	50	762512	94.472	ug/l 99
4) Vinyl Chloride	2.18	62	1196886	94.137	ug/l 99
5) Bromomethane	2.55	94	891126	91.139	ug/l 98
6) Chloroethane	2.70	64	778673	91.124	ug/l 100
7) Trichlorofluoromethane	3.01	101	1256570	86.686	ug/l 99
8) Diethyl Ether	3.41	74	338465	91.353	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	646521	91.488	ug/l 99
10) Methyl Iodide	3.95	142	942991	109.468	ug/l 100
11) Tert butyl alcohol	4.79	59	292572	497.241	ug/l 100
12) 1,1-Dichloroethene	3.73	96	604203	91.734	ug/l 99
13) Acrolein	3.61	56	195681	493.272	ug/l 98
14) Allyl chloride	4.32	41	947881	94.357	ug/l 100
15) Acrylonitrile	4.99	53	1058413	483.036	ug/l 99
16) Acetone	3.82	43	740038	432.780	ug/l 97
17) Carbon Disulfide	4.05	76	1855712	92.691	ug/l 100
18) Methyl Acetate	4.33	43	491985	95.401	ug/l 100
19) Methyl tert-butyl Ether	5.05	73	2036813	93.688	ug/l 99
20) Methylene Chloride	4.55	84	721074	93.804	ug/l 99
21) trans-1,2-Dichloroethene	5.04	96	730123	93.546	ug/l 96
22) Diisopropyl ether	5.96	45	2077495	96.476	ug/l 95
23) Vinyl Acetate	5.90	43	7605229	480.325	ug/l 97
24) 1,1-Dichloroethane	5.85	63	1306387	94.329	ug/l 99
25) 2-Butanone	6.84	43	1208954	448.099	ug/l 100
26) 2,2-Dichloropropane	6.83	77	1287128	92.743	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	849200	93.725	ug/l 98
28) Bromochloromethane	7.20	49	585043	95.420	ug/l 93
29) Tetrahydrofuran	7.21	42	795409	480.420	ug/l 96
30) Chloroform	7.37	83	1520866	97.740	ug/l 100
31) Cyclohexane	7.65	56	1169524	92.209	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	1489121	98.732	ug/l 98
36) 1,1-Dichloropropene	7.79	75	1117744	98.140	ug/l 99
37) Ethyl Acetate	6.93	43	566371	95.347	ug/l 99
38) Carbon Tetrachloride	7.78	117	1370177	100.258	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1409542	98.592	ug/l	99
40) Benzene	8.04	78	3344648	99.062	ug/l	99
41) Methacrylonitrile	7.18	41	296050	90.764	ug/l	95
42) 1,2-Dichloroethane	8.13	62	1103191	96.954	ug/l	100
43) Isopropyl Acetate	8.17	43	1168920	94.385	ug/l	99
44) Trichloroethene	8.84	130	955287	99.647	ug/l	97
45) 1,2-Dichloropropane	9.12	63	793062	95.004	ug/l	99
46) Dibromomethane	9.21	93	574582	99.027	ug/l	99
47) Bromodichloromethane	9.40	83	1253231	98.116	ug/l	99
48) Methyl methacrylate	9.20	41	541565	95.699	ug/l	96
49) 1,4-Dioxane	9.20	88	164985	1944.291	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2979967	474.849	ug/l	99
52) Toluene	10.16	92	2283127	101.671	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1332401	101.094	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1388530	99.211	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	801963	100.250	ug/l	99
56) Ethyl methacrylate	10.43	69	1034844	102.294	ug/l	96
57) 1,3-Dichloropropane	10.71	76	1263578	99.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2122728	507.002	ug/l	98
59) 2-Hexanone	10.75	43	1997051	468.575	ug/l	100
60) Dibromochloromethane	10.90	129	1086633	103.798	ug/l	99
61) 1,2-Dibromoethane	11.01	107	866569	102.470	ug/l	99
64) Tetrachloroethene	10.63	164	906022	96.994	ug/l	98
65) Chlorobenzene	11.43	112	2599361	99.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1045157	99.544	ug/l	99
67) Ethyl Benzene	11.51	91	4464901	98.511	ug/l	99
68) m/p-Xylenes	11.62	106	3646725	201.090	ug/l	99
69) o-Xylene	11.95	106	1768278	99.427	ug/l	99
70) Styrene	11.96	104	2922783	103.135	ug/l	98
71) Bromoform	12.13	173	812288	104.012	ug/l #	100
73) Isopropylbenzene	12.25	105	4776529	89.523	ug/l	100
74) N-amyl acetate	12.07	43	1046019	85.967	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	986111	85.740	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	742901m	84.624	ug/l	
77) Bromobenzene	12.53	156	1210460	92.784	ug/l	96
78) n-propylbenzene	12.59	91	5316504	91.356	ug/l	100
79) 2-Chlorotoluene	12.67	91	3099524	90.371	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	4091155	90.986	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	317313	93.189	ug/l	99
82) 4-Chlorotoluene	12.77	91	3222402	93.526	ug/l	98
83) tert-Butylbenzene	12.99	119	3602567	89.415	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	4105528	91.156	ug/l	99
85) sec-Butylbenzene	13.17	105	4885757	91.674	ug/l	100
86) p-Isopropyltoluene	13.29	119	4399142	93.109	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2211622	97.288	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2175461	97.224	ug/l	100
89) n-Butylbenzene	13.62	91	3606365	96.539	ug/l	100
90) Hexachloroethane	13.87	117	857250	90.940	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2138918	94.647	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	168051	89.661	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	1095583	108.948	ug/l	100
94) Hexachlorobutadiene	15.01	225	635502	93.143	ug/l	99
95) Naphthalene	15.13	128	2338899	107.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1033839	104.388	ug/l	99

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

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