

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051069.D
 Acq On : 10 Sep 2018 10:12
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 9:40:31 AM

Quant Time: Sep 11 02:14:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 01:47:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	726790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1037568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	971026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	525877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1221274	151.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.00%	
35) Dibromofluoromethane	7.59	113	1193321	153.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.12%	
50) Toluene-d8	10.09	98	4608717	155.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.56%	
62) 4-Bromofluorobenzene	12.40	95	1635483	167.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	334.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	962090	137.27	ug/l	99
3) Chloromethane	2.06	50	1349930	135.31	ug/l	100
4) Vinyl Chloride	2.18	62	1353013	140.64	ug/l	99
5) Bromomethane	2.54	94	794070	123.18	ug/l	100
6) Chloroethane	2.69	64	822188	138.47	ug/l	99
7) Trichlorofluoromethane	3.01	101	1808513	141.87	ug/l	100
8) Diethyl Ether	3.41	74	720384	153.65	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1149794	139.92	ug/l	100
10) Methyl Iodide	3.95	142	1271662	181.13	ug/l	99
11) Tert butyl alcohol	4.79	59	495672	802.34	ug/l	100
12) 1,1-Dichloroethene	3.73	96	1123085	144.87	ug/l	99
13) Acrolein	3.60	56	617440	876.15	ug/l	98
14) Allyl chloride	4.32	41	1804417	152.76	ug/l	99
15) Acrylonitrile	4.99	53	2171737	793.35	ug/l	99
16) Acetone	3.82	43	1488464	662.40	ug/l	99
17) Carbon Disulfide	4.05	76	3449300	135.22	ug/l	99
18) Methyl Acetate	4.32	43	957515	147.83	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	3191923	171.42	ug/l	100
20) Methylene Chloride	4.55	84	1260414	141.08	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	1200979	142.82	ug/l	99
22) Diisopropyl ether	5.95	45	3556841	151.70	ug/l	94
23) Vinyl Acetate	5.90	43	12865571	810.86	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2158230	145.09	ug/l	100
25) 2-Butanone	6.84	43	2451129	770.81	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1745628	143.37	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1375025	149.06	ug/l	99
28) Bromochloromethane	7.20	49	916159	138.37	ug/l	99
29) Tetrahydrofuran	7.21	42	1602198	806.82	ug/l	99
30) Chloroform	7.37	83	2132793	144.12	ug/l	98
31) Cyclohexane	7.65	56	1990337	132.30	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1845484	146.36	ug/l	100
36) 1,1-Dichloropropene	7.79	75	1729166	151.79	ug/l	99
37) Ethyl Acetate	6.93	43	1082317	164.05	ug/l	100
38) Carbon Tetrachloride	7.77	117	1674920	149.39	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2010053	159.93	ug/l	99
40) Benzene	8.04	78	5112293	148.93	ug/l	99
41) Methacrylonitrile	7.17	41	586450	172.28	ug/l	91
42) 1,2-Dichloroethane	8.12	62	1481846	148.10	ug/l	100
43) Isopropyl Acetate	8.17	43	1902958	163.47	ug/l	100
44) Trichloroethene	8.83	130	1394165	148.49	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1328811	149.81	ug/l	100
46) Dibromomethane	9.21	93	795312	146.96	ug/l	99
47) Bromodichloromethane	9.40	83	1679138	152.59	ug/l	99
48) Methyl methacrylate	9.20	41	959739	169.17	ug/l	99
49) 1,4-Dioxane	9.20	88	301211	3385.90	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	5231145	812.59	ug/l	99
52) Toluene	10.16	92	3224980	154.07	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1842350	167.28	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	2079707	161.05	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1156696	152.13	ug/l	99
56) Ethyl methacrylate	10.43	69	1617719	177.77	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1939224	153.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3446284	926.59	ug/l	100
59) 2-Hexanone	10.75	43	3611301	827.17	ug/l	99
60) Dibromochloromethane	10.90	129	1367371	159.55	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1194714	160.74	ug/l	100
64) Tetrachloroethene	10.63	164	1239019	139.83	ug/l	99
65) Chlorobenzene	11.43	112	3623392	148.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1313955	149.10	ug/l	100
67) Ethyl Benzene	11.51	91	6220168	156.92	ug/l	100
68) m/p-Xylenes	11.62	106	4828319	317.03	ug/l	99
69) o-Xylene	11.95	106	2345830	159.06	ug/l	100
70) Styrene	11.96	104	3858768	168.67	ug/l	100
71) Bromoform	12.13	173	1017821	164.04	ug/l #	99
73) Isopropylbenzene	12.25	105	6133416	139.07	ug/l	100
74) N-amyl acetate	12.07	43	1721298	155.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1497471	127.53	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1187769m	135.82	ug/l	
77) Bromobenzene	12.53	156	1617414	136.54	ug/l	100
78) n-propylbenzene	12.59	91	7015409	144.72	ug/l	100
79) 2-Chlorotoluene	12.67	91	4127758	136.24	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	5090128	142.76	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	452353	163.36	ug/l	97
82) 4-Chlorotoluene	12.77	91	4228250	140.59	ug/l	99
83) tert-Butylbenzene	12.99	119	4430360	140.75	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	5191716	148.09	ug/l	100
85) sec-Butylbenzene	13.17	105	5825162	144.30	ug/l	100
86) p-Isopropyltoluene	13.29	119	5261036	153.70	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2825892	140.61	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2781430	140.43	ug/l	100
89) n-Butylbenzene	13.61	91	4310018	161.79	ug/l	100
90) Hexachloroethane	13.87	117	932276	133.26	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2670058	136.35	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	234609	136.90	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	1541955	182.90	ug/l	99
94) Hexachlorobutadiene	15.01	225	835462	121.08	ug/l	100
95) Naphthalene	15.13	128	3339231	186.89	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1442459	165.09	ug/l	99

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

