

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051067.D
 Acq On : 10 Sep 2018 9:23
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 9:40:20 AM

Quant Time: Sep 11 02:11:47 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	734365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	946210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	483079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	403558	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	7.59	113	392665	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.09	98	1505588	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.40	95	498061	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	333053	47.03	ug/l	100
3) Chloromethane	2.06	50	452538	44.89	ug/l	100
4) Vinyl Chloride	2.18	62	461540	47.48	ug/l	100
5) Bromomethane	2.56	94	270027	41.45	ug/l	100
6) Chloroethane	2.70	64	279510	46.59	ug/l	100
7) Trichlorofluoromethane	3.01	101	611276	47.46	ug/l	100
8) Diethyl Ether	3.41	74	232614	49.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	392833	47.31	ug/l	100
10) Methyl Iodide	3.95	142	355626	50.13	ug/l	100
11) Tert butyl alcohol	4.79	59	138871	222.47	ug/l	100
12) 1,1-Dichloroethene	3.73	96	375149	47.89	ug/l	100
13) Acrolein	3.61	56	175797	246.88	ug/l	100
14) Allyl chloride	4.32	41	591551	49.57	ug/l	100
15) Acrylonitrile	4.99	53	676087	244.43	ug/l	100
16) Acetone	3.82	43	491496	216.47	ug/l	100
17) Carbon Disulfide	4.05	76	1133412	43.97	ug/l	100
18) Methyl Acetate	4.33	43	295896	45.21	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1040801	55.32	ug/l	100
20) Methylene Chloride	4.55	84	422912	46.85	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	403526	47.49	ug/l	100
22) Diisopropyl ether	5.95	45	1214076	51.25	ug/l	100
23) Vinyl Acetate	5.90	43	4128095	257.49	ug/l	100
24) 1,1-Dichloroethane	5.85	63	732643	48.75	ug/l	100
25) 2-Butanone	6.84	43	759462	236.36	ug/l	100
26) 2,2-Dichloropropane	6.82	77	592474	48.16	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	453776	48.68	ug/l	100
28) Bromochloromethane	7.20	49	333552	49.86	ug/l	100
29) Tetrahydrofuran	7.21	42	494969	246.68	ug/l	100
30) Chloroform	7.37	83	729123	48.76	ug/l	100
31) Cyclohexane	7.65	56	666158	43.82	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	621100	48.75	ug/l	100
36) 1,1-Dichloropropene	7.79	75	569194	49.52	ug/l	100
37) Ethyl Acetate	6.93	43	333568	50.11	ug/l	100
38) Carbon Tetrachloride	7.77	117	553517	48.93	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	649385	51.21	ug/l	100
40) Benzene	8.04	78	1717864	49.60	ug/l	100
41) Methacrylonitrile	7.18	41	163334	47.56	ug/l	100
42) 1,2-Dichloroethane	8.12	62	493471	48.88	ug/l	100
43) Isopropyl Acetate	8.16	43	586451	49.93	ug/l	100
44) Trichloroethene	8.83	130	459965	48.55	ug/l	100
45) 1,2-Dichloropropane	9.12	63	443219	49.52	ug/l	100
46) Dibromomethane	9.21	93	261431	47.88	ug/l	100
47) Bromodichloromethane	9.40	83	555079	49.99	ug/l	100
48) Methyl methacrylate	9.20	41	291485	50.92	ug/l	100
49) 1,4-Dioxane	9.20	88	87167	971.12	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1624269	250.06	ug/l	100
52) Toluene	10.16	92	1072189	50.77	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	570183	51.31	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	663591	50.93	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	380140	49.55	ug/l	100
56) Ethyl methacrylate	10.43	69	485252	52.85	ug/l	100
57) 1,3-Dichloropropane	10.71	76	636323	50.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1020252	271.87	ug/l	100
59) 2-Hexanone	10.75	43	1089702	247.37	ug/l	100
60) Dibromochloromethane	10.90	129	432626	50.03	ug/l	100
61) 1,2-Dibromoethane	11.01	107	374263	49.91	ug/l	100
64) Tetrachloroethene	10.63	164	413306	47.87	ug/l	100
65) Chlorobenzene	11.43	112	1169598	49.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	426635	49.68	ug/l	100
67) Ethyl Benzene	11.51	91	1990825	51.54	ug/l	100
68) m/p-Xylenes	11.62	106	1563409	105.35	ug/l	100
69) o-Xylene	11.95	106	751468	52.29	ug/l	100
70) Styrene	11.96	104	1210922	54.32	ug/l	100
71) Bromoform	12.13	173	305696	50.56	ug/l #	100
73) Isopropylbenzene	12.25	105	1972079	48.68	ug/l	100
74) N-amyl acetate	12.07	43	494453	48.50	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	467582	43.35	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	362866m	45.17	ug/l	
77) Bromobenzene	12.53	156	504544	46.37	ug/l	100
78) n-propylbenzene	12.59	91	2206498	49.55	ug/l	100
79) 2-Chlorotoluene	12.67	91	1322260	47.51	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1626669	49.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	125225	49.23	ug/l	100
82) 4-Chlorotoluene	12.77	91	1327161	48.04	ug/l	100
83) tert-Butylbenzene	12.99	119	1405864	48.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1639800	50.92	ug/l	100
85) sec-Butylbenzene	13.17	105	1828079	49.30	ug/l	100
86) p-Isopropyltoluene	13.29	119	1624807	51.67	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	871667	47.22	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	849810	46.71	ug/l	100
89) n-Butylbenzene	13.61	91	1275082	52.10	ug/l	100
90) Hexachloroethane	13.87	117	284981	44.34	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	850035	47.25	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66580	42.29	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	402272	51.94	ug/l	100
94) Hexachlorobutadiene	15.01	225	273549	43.16	ug/l	100
95) Naphthalene	15.13	128	788855	48.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	393265	49.00	ug/l	100

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

