

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050588.D
 Acq On : 14 Aug 2018 1:24
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 3:21:42 PM

Quant Time: Aug 14 07:48:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 07:26:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	681038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	988476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	929864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	496968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	829902	91.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.84%	
35) Dibromofluoromethane	7.59	113	778900	98.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.14%	
50) Toluene-d8	10.09	98	3030842	101.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.04%	
62) 4-Bromofluorobenzene	12.40	95	1047670	103.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	730793	96.58	ug/l	98
3) Chloromethane	2.06	50	934650	92.51	ug/l	100
4) Vinyl Chloride	2.18	62	964327	98.35	ug/l	100
5) Bromomethane	2.55	94	568373	94.57	ug/l	99
6) Chloroethane	2.70	64	571456	95.02	ug/l	100
7) Trichlorofluoromethane	3.01	101	1224600	96.88	ug/l	100
8) Diethyl Ether	3.41	74	432719	94.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	742001	94.90	ug/l	99
10) Methyl Iodide	3.95	142	599205	158.65	ug/l	100
11) Tert butyl alcohol	4.79	59	235563	347.28	ug/l	100
12) 1,1-Dichloroethene	3.73	96	707211	96.15	ug/l	99
13) Acrolein	3.61	56	86980	119.84	ug/l	99
14) Allyl chloride	4.32	41	1139170	97.22	ug/l	99
15) Acrylonitrile	4.99	53	1274390	427.64	ug/l	100
16) Acetone	3.82	43	1067616	375.45	ug/l	98
17) Carbon Disulfide	4.05	76	2239777	93.62	ug/l	99
18) Methyl Acetate	4.33	43	589158	72.67	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1923283	93.75	ug/l	100
20) Methylene Chloride	4.55	84	813770	80.38	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	777271	97.71	ug/l	99
22) Diisopropyl ether	5.96	45	2418591	100.60	ug/l	98
23) Vinyl Acetate	5.90	43	8138272	481.97	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1429458	96.59	ug/l	100
25) 2-Butanone	6.84	43	1746630	403.54	ug/l	99
26) 2,2-Dichloropropane	6.83	77	937581	79.25	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	874509	99.34	ug/l	100
28) Bromochloromethane	7.20	49	680226	99.71	ug/l	99
29) Tetrahydrofuran	7.21	42	928065	399.70	ug/l	99
30) Chloroform	7.37	83	1414838	95.65	ug/l	100
31) Cyclohexane	7.65	56	1309725	88.37	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1228980	96.75	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1128387	104.04	ug/l	99
37) Ethyl Acetate	6.93	43	644980	85.93	ug/l	99
38) Carbon Tetrachloride	7.78	117	1105787	97.75	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1248983	105.56	ug/l	99
40) Benzene	8.04	78	3354198	100.46	ug/l	99
41) Methacrylonitrile	7.18	41	369121	91.08	ug/l	96
42) 1,2-Dichloroethane	8.13	62	995943	94.84	ug/l	100
43) Isopropyl Acetate	8.17	43	1144261	87.35	ug/l #	86
44) Trichloroethene	8.84	130	880452	98.04	ug/l	100
45) 1,2-Dichloropropane	9.12	63	871094	99.29	ug/l	99
46) Dibromomethane	9.21	93	506228	94.46	ug/l	98
47) Bromodichloromethane	9.40	83	1099646	98.09	ug/l	100
48) Methyl methacrylate	9.20	41	585609	89.55	ug/l	100
49) 1,4-Dioxane	9.20	88	156891	1578.31	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	3983108	425.86	ug/l	100
52) Toluene	10.16	92	2099876	104.84	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1121829	100.79	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1288545	103.18	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	731444	94.36	ug/l	99
56) Ethyl methacrylate	10.43	69	969899	100.54	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1242645	97.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2307506	512.03	ug/l	100
59) 2-Hexanone	10.75	43	2668395	411.42	ug/l	99
60) Dibromochloromethane	10.90	129	855059	99.99	ug/l	99
61) 1,2-Dibromoethane	11.01	107	736686	96.84	ug/l	99
64) Tetrachloroethene	10.63	164	828130	95.46	ug/l	99
65) Chlorobenzene	11.43	112	2320753	99.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	846880	99.53	ug/l	99
67) Ethyl Benzene	11.51	91	4047102	107.33	ug/l	100
68) m/p-Xylenes	11.62	106	3094891	215.46	ug/l	99
69) o-Xylene	11.95	106	1498306	108.48	ug/l	100
70) Styrene	11.96	104	2483146	110.86	ug/l	100
71) Bromoform	12.13	173	593140	97.15	ug/l #	100
73) Isopropylbenzene	12.25	105	3963289	105.48	ug/l	100
74) N-amyl acetate	12.07	43	1036431	88.20	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	897256	84.59	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	808533m	90.03	ug/l	
77) Bromobenzene	12.53	156	1009227	100.39	ug/l	100
78) n-propylbenzene	12.59	91	4528598	106.58	ug/l	100
79) 2-Chlorotoluene	12.68	91	2674457	101.84	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3239718	106.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	229471	92.46	ug/l	99
82) 4-Chlorotoluene	12.77	91	2740743	104.73	ug/l	100
83) tert-Butylbenzene	12.99	119	2814820	106.29	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3325036	107.90	ug/l	99
85) sec-Butylbenzene	13.17	105	3687248	104.25	ug/l	99
86) p-Isopropyltoluene	13.29	119	3262447	107.78	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1786606	100.18	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1747856	98.25	ug/l	100
89) n-Butylbenzene	13.62	91	2692785	105.24	ug/l	100
90) Hexachloroethane	13.88	117	563638	103.78	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1689473	94.90	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	130946	74.04	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	934804	104.48	ug/l	100
94) Hexachlorobutadiene	15.01	225	494557	75.87	ug/l	98
95) Naphthalene	15.13	128	1994372	98.57	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	866071	95.78	ug/l	98

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

