

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101718\
 Data File : VN051903.D
 Acq On : 17 Oct 2018 10:59
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 3:29:31 PM

Quant Time: Oct 19 04:56:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 04:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1071716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1534125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1466056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	801555	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	1366091	137.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.00%	
35) Dibromofluoromethane	7.59	113	1466349	150.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.76%	
50) Toluene-d8	10.09	98	5395810	152.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.04%	
62) 4-Bromofluorobenzene	12.40	95	1932536	163.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	903373	139.31	ug/l	99
3) Chloromethane	2.06	50	838659	132.36	ug/l	99
4) Vinyl Chloride	2.18	62	1281880	133.95	ug/l	99
5) Bromomethane	2.54	94	1147248	125.87	ug/l	98
6) Chloroethane	2.69	64	904226	130.20	ug/l	99
7) Trichlorofluoromethane	3.01	101	2098869	142.33	ug/l	98
8) Diethyl Ether	3.41	74	615677	142.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1187032	140.29	ug/l	99
10) Methyl Iodide	3.95	142	1766708	171.05	ug/l	100
11) Tert butyl alcohol	4.79	59	377027	718.64	ug/l	100
12) 1,1-Dichloroethene	3.73	96	1098959	142.48	ug/l	97
13) Acrolein	3.61	56	276263	634.65	ug/l	98
14) Allyl chloride	4.32	41	1243707	153.63	ug/l	98
15) Acrylonitrile	4.99	53	1576021	749.68	ug/l	100
16) Acetone	3.82	43	1138930	647.38	ug/l	97
17) Carbon Disulfide	4.05	76	2834211	147.38	ug/l	99
18) Methyl Acetate	4.32	43	733428	125.06	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	3162735	142.29	ug/l	99
20) Methylene Chloride	4.55	84	1238123	138.44	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	1292910	145.86	ug/l	98
22) Diisopropyl ether	5.95	45	2826141	145.16	ug/l	99
23) Vinyl Acetate	5.90	43	10068999	751.22	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1980823	140.49	ug/l	99
25) 2-Butanone	6.84	43	1730320	688.18	ug/l	96
26) 2,2-Dichloropropane	6.83	77	1944548	145.83	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	1513720	146.95	ug/l	98
28) Bromochloromethane	7.20	49	829950	144.96	ug/l	95
29) Tetrahydrofuran	7.21	42	1082204	704.69	ug/l	100
30) Chloroform	7.37	83	2451297	145.33	ug/l	98
31) Cyclohexane	7.65	56	1627478	106.18	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	2345670	149.10	ug/l	98
36) 1,1-Dichloropropene	7.79	75	1731480	145.42	ug/l	99
37) Ethyl Acetate	6.93	43	789710	151.09	ug/l	99
38) Carbon Tetrachloride	7.78	117	2156105	153.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2190615	148.57	ug/l	99
40) Benzene	8.04	78	5145570	147.93	ug/l	100
41) Methacrylonitrile	7.18	41	412374	152.55	ug/l	84
42) 1,2-Dichloroethane	8.12	62	1609108	144.40	ug/l	98
43) Isopropyl Acetate	8.17	43	1558540	147.49	ug/l #	90
44) Trichloroethene	8.84	130	1677864	153.71	ug/l	98
45) 1,2-Dichloropropane	9.12	63	1184261	147.23	ug/l	98
46) Dibromomethane	9.21	93	936179	152.70	ug/l	96
47) Bromodichloromethane	9.40	83	1929539	157.03	ug/l	98
48) Methyl methacrylate	9.20	41	730675	152.01	ug/l	98
49) 1,4-Dioxane	9.20	88	265424	2907.27	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	4133566	745.73	ug/l	99
52) Toluene	10.16	92	3687160	158.46	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1956279	168.00	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2107454	162.31	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	1336283	156.73	ug/l	99
56) Ethyl methacrylate	10.43	69	1531283	160.65	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1999403	154.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3283604	813.09	ug/l	98
59) 2-Hexanone	10.75	43	2794330	751.83	ug/l	99
60) Dibromochloromethane	10.90	129	1771942	177.09	ug/l	99
61) 1,2-Dibromoethane	11.00	107	1450126	162.16	ug/l	99
64) Tetrachloroethene	10.63	164	1682911	143.01	ug/l	98
65) Chlorobenzene	11.43	112	4411952	150.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1731082	158.67	ug/l	99
67) Ethyl Benzene	11.51	91	7215049	150.26	ug/l	99
68) m/p-Xylenes	11.62	106	5996576	311.02	ug/l	98
69) o-Xylene	11.95	106	2920039	155.41	ug/l	99
70) Styrene	11.96	104	4775511	165.23	ug/l	98
71) Bromoform	12.13	173	1301828	191.59	ug/l #	99
73) Isopropylbenzene	12.25	105	7837854	126.31	ug/l	99
74) N-amyl acetate	12.07	43	1444949	135.43	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	1533493	122.29	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1221682m	120.53	ug/l	
77) Bromobenzene	12.53	156	2188933	138.63	ug/l	95
78) n-propylbenzene	12.59	91	8486323	131.38	ug/l	98
79) 2-Chlorotoluene	12.67	91	4880126	124.14	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	6586792	131.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	440554	163.65	ug/l	97
82) 4-Chlorotoluene	12.77	91	5067687	134.26	ug/l	96
83) tert-Butylbenzene	12.99	119	6007185	127.45	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	6632824	134.50	ug/l	99
85) sec-Butylbenzene	13.17	105	7970064	133.02	ug/l	99
86) p-Isopropyltoluene	13.29	119	7404020	142.57	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	3970613	149.20	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	3898757	149.06	ug/l	97
89) n-Butylbenzene	13.62	91	5812741	154.30	ug/l	99
90) Hexachloroethane	13.88	117	1280696	147.45	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	3788110	146.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	233461	138.97	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2118045	189.69	ug/l	99
94) Hexachlorobutadiene	15.01	225	1145375	140.35	ug/l	99
95) Naphthalene	15.13	128	4242392	190.99	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1981267	179.02	ug/l	100

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

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