

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050589.D
 Acq On : 14 Aug 2018 1:49
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 3:21:47 PM

Quant Time: Aug 14 07:49:41 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	706440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1024229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	985863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	540148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1253849	133.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	267.76%	
35) Dibromofluoromethane	7.59	113	1183100	143.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.54%	
50) Toluene-d8	10.09	98	4666396	150.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.70%	
62) 4-Bromofluorobenzene	12.40	95	1663786	158.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1101515	140.34	ug/l	98
3) Chloromethane	2.06	50	1446420	138.02	ug/l	99
4) Vinyl Chloride	2.18	62	1437398	141.32	ug/l	99
5) Bromomethane	2.54	94	806473	129.36	ug/l	98
6) Chloroethane	2.69	64	852572	136.67	ug/l	100
7) Trichlorofluoromethane	3.01	101	1849866	141.08	ug/l	100
8) Diethyl Ether	3.41	74	673520	141.30	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1130733	139.41	ug/l	100
10) Methyl Iodide	3.95	142	1019146	260.13	ug/l	100
11) Tert butyl alcohol	4.79	59	376885	535.64	ug/l	100
12) 1,1-Dichloroethene	3.73	96	1086117	142.35	ug/l	99
13) Acrolein	3.61	56	136332	181.08	ug/l	99
14) Allyl chloride	4.32	41	1761176	144.90	ug/l	98
15) Acrylonitrile	4.99	53	2002087	647.68	ug/l	100
16) Acetone	3.82	43	1665488	564.64	ug/l	100
17) Carbon Disulfide	4.05	76	3410958	137.44	ug/l	100
18) Methyl Acetate	4.33	43	933705	111.03	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2980595	140.07	ug/l	100
20) Methylene Chloride	4.55	84	1241189	118.19	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1182866	143.34	ug/l	98
22) Diisopropyl ether	5.95	45	3651942	146.43	ug/l	99
23) Vinyl Acetate	5.90	43	12535281	715.68	ug/l	99
24) 1,1-Dichloroethane	5.85	63	2151637	140.15	ug/l	100
25) 2-Butanone	6.84	43	2725228	606.99	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1420035	115.71	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1331592	145.82	ug/l	100
28) Bromochloromethane	7.20	49	1003208	141.76	ug/l	100
29) Tetrahydrofuran	7.21	42	1442875	599.08	ug/l	99
30) Chloroform	7.37	83	2135561	139.19	ug/l	99
31) Cyclohexane	7.65	56	2008897	130.68	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1866689	141.67	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1727490	153.73	ug/l	100
37) Ethyl Acetate	6.93	43	998104	128.34	ug/l	100
38) Carbon Tetrachloride	7.77	117	1681589	143.45	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1949005	158.98	ug/l	98
40) Benzene	8.04	78	5091897	147.18	ug/l	100
41) Methacrylonitrile	7.18	41	576767	137.35	ug/l	97
42) 1,2-Dichloroethane	8.12	62	1523766	140.04	ug/l	100
43) Isopropyl Acetate	8.17	43	1778981	131.06	ug/l #	86
44) Trichloroethene	8.84	130	1349953	145.08	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1336624	147.03	ug/l	99
46) Dibromomethane	9.21	93	771563	138.95	ug/l	99
47) Bromodichloromethane	9.40	83	1687827	145.30	ug/l	100
48) Methyl methacrylate	9.20	41	954905	140.93	ug/l	98
49) 1,4-Dioxane	9.20	88	248428	2411.93	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	6183088	638.00	ug/l	99
52) Toluene	10.16	92	3222169	155.25	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1766979	153.21	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1970411	152.28	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1119586	139.39	ug/l	99
56) Ethyl methacrylate	10.43	69	1527695	152.84	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1909508	144.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3678405	787.74	ug/l	100
59) 2-Hexanone	10.75	43	4173400	621.00	ug/l	99
60) Dibromochloromethane	10.90	129	1328576	149.94	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1153488	146.34	ug/l	100
64) Tetrachloroethene	10.63	164	1267444	137.80	ug/l	99
65) Chlorobenzene	11.44	112	3611520	146.05	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1308725	145.07	ug/l	100
67) Ethyl Benzene	11.51	91	6297817	157.54	ug/l	99
68) m/p-Xylenes	11.62	106	4816895	316.29	ug/l	100
69) o-Xylene	11.95	106	2344737	160.11	ug/l	99
70) Styrene	11.96	104	3885151	163.59	ug/l	100
71) Bromoform	12.13	173	946516	146.22	ug/l #	100
73) Isopropylbenzene	12.25	105	6151229	150.63	ug/l	99
74) N-amyl acetate	12.07	43	1649602	129.16	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	1406880	122.03	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1286327m	131.79	ug/l	
77) Bromobenzene	12.53	156	1593498	145.83	ug/l	100
78) n-propylbenzene	12.59	91	7081288	153.33	ug/l	100
79) 2-Chlorotoluene	12.68	91	4183529	146.57	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	5074200	153.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	374335	138.77	ug/l	96
82) 4-Chlorotoluene	12.77	91	4321332	151.93	ug/l	100
83) tert-Butylbenzene	12.99	119	4398681	152.82	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	5193348	155.06	ug/l	100
85) sec-Butylbenzene	13.17	105	5785147	150.48	ug/l	100
86) p-Isopropyltoluene	13.29	119	5170819	157.18	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2829180	145.96	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2785440	144.05	ug/l	99
89) n-Butylbenzene	13.62	91	4351291	156.47	ug/l	100
90) Hexachloroethane	13.88	117	904433	153.21	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2645282	136.71	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	210169	109.33	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	1523574	156.68	ug/l	99
94) Hexachlorobutadiene	15.01	225	772721	109.07	ug/l	98
95) Naphthalene	15.13	128	3322385	151.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1404772	142.94	ug/l	98

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

