

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050015.D
 Acq On : 23 Jul 2018 19:37
 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
 7/26/2018 1:51:01 PM

Quant Time: Jul 24 06:26:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 05:50:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	717581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1001169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	547769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1390811	141.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.02%	
35) Dibromofluoromethane	7.59	113	1232903	139.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	278.56%	
50) Toluene-d8	10.09	98	4794324	148.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.60%	
62) 4-Bromofluorobenzene	12.40	95	1706703	154.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1569887	186.59	ug/l	99
3) Chloromethane	2.05	50	1590600	156.79	ug/l	100
4) Vinyl Chloride	2.18	62	1652633	153.63	ug/l	98
5) Bromomethane	2.53	94	967644	140.97	ug/l	99
6) Chloroethane	2.68	64	941750	136.26	ug/l	98
7) Trichlorofluoromethane	3.00	101	2046445	140.18	ug/l	100
8) Diethyl Ether	3.41	74	744991	147.48	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1222831	136.45	ug/l	100
10) Methyl Iodide	3.95	142	1837875	153.97	ug/l	98
11) Tert butyl alcohol	4.81	59	580441	819.13	ug/l #	86
12) 1,1-Dichloroethene	3.72	96	1161198	146.99	ug/l	96
13) Acrolein	3.61	56	471470	982.62	ug/l	98
14) Allyl chloride	4.32	41	1955690	157.91	ug/l	98
15) Acrylonitrile	4.99	53	2446281	789.11	ug/l	99
16) Acetone	3.82	43	1755980	682.99	ug/l	100
17) Carbon Disulfide	4.04	76	3608285	151.93	ug/l	100
18) Methyl Acetate	4.33	43	1348793	137.08	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	3413712	158.52	ug/l	99
20) Methylene Chloride	4.55	84	1311253	134.08	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1244557	149.31	ug/l	99
22) Diisopropyl ether	5.96	45	3971319	158.15	ug/l	98
23) Vinyl Acetate	5.90	43	14462840	821.91	ug/l	99
24) 1,1-Dichloroethane	5.85	63	2301008	142.03	ug/l	100
25) 2-Butanone	6.84	43	2934897	798.91	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1713307	136.44	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1410064	154.63	ug/l	100
28) Bromochloromethane	7.20	49	1055445	145.31	ug/l	99
29) Tetrahydrofuran	7.22	42	1913019	827.74	ug/l	100
30) Chloroform	7.37	83	2302587	138.94	ug/l	99
31) Cyclohexane	7.65	56	2075361	136.77	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	2028162	141.34	ug/l	99
36) 1,1-Dichloropropene	7.80	75	1817521	154.18	ug/l	100
37) Ethyl Acetate	6.94	43	1271190	157.59	ug/l	100
38) Carbon Tetrachloride	7.78	117	1821853	144.19	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	2034699	166.82	ug/l	98
40) Benzene	8.04	78	5404165	150.14	ug/l	100
41) Methacrylonitrile	7.18	41	680224	171.87	ug/l #	83
42) 1,2-Dichloroethane	8.13	62	1704444	143.37	ug/l	100
43) Isopropyl Acetate	8.17	43	2313699	162.97	ug/l #	88
44) Trichloroethene	8.84	130	1401265	148.62	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1406161	145.37	ug/l	97
46) Dibromomethane	9.21	93	864075	143.97	ug/l	99
47) Bromodichloromethane	9.41	83	1830758	147.65	ug/l	100
48) Methyl methacrylate	9.20	41	1195529	167.81	ug/l	99
49) 1,4-Dioxane	9.20	88	324928	3271.11	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	6514510	824.66	ug/l	99
52) Toluene	10.16	92	3393814	158.54	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1998215	163.43	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2188542	161.65	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	1251450	141.97	ug/l	99
56) Ethyl methacrylate	10.43	69	1780813	174.05	ug/l	99
57) 1,3-Dichloropropane	10.71	76	2113723	151.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	4124626	883.52	ug/l	100
59) 2-Hexanone	10.76	43	4560130	860.67	ug/l	99
60) Dibromochloromethane	10.90	129	1469091	152.06	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1297661	157.19	ug/l	99
64) Tetrachloroethene	10.63	164	1304383	142.41	ug/l	99
65) Chlorobenzene	11.44	112	3699607	146.44	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1386742	141.81	ug/l	99
67) Ethyl Benzene	11.51	91	6575011	160.48	ug/l	99
68) m/p-Xylenes	11.62	106	4988228	322.01	ug/l	100
69) o-Xylene	11.95	106	2405357	161.75	ug/l	99
70) Styrene	11.97	104	3955849	164.97	ug/l	99
71) Bromoform	12.13	173	1081212	155.16	ug/l #	99
73) Isopropylbenzene	12.25	105	6409637	153.10	ug/l	100
74) N-amyl acetate	12.07	43	2061845	162.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1660848	132.71	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1374086m	134.09	ug/l	
77) Bromobenzene	12.53	156	1659173	143.57	ug/l	98
78) n-propylbenzene	12.60	91	7359149	154.72	ug/l	100
79) 2-Chlorotoluene	12.68	91	4343301	148.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	5203578	155.27	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	528030	160.39	ug/l	97
82) 4-Chlorotoluene	12.78	91	4463190	152.45	ug/l	99
83) tert-Butylbenzene	13.00	119	4480576	152.65	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	5361248	157.98	ug/l	100
85) sec-Butylbenzene	13.17	105	6092583	156.82	ug/l	100
86) p-Isopropyltoluene	13.29	119	5352723	161.59	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2953721	146.92	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	2893542	143.72	ug/l	100
89) n-Butylbenzene	13.62	91	4614983	168.99	ug/l	99
90) Hexachloroethane	13.88	117	1002673	135.02	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	2819695	142.75	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	280930	144.25	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	1683070	185.51	ug/l	98
94) Hexachlorobutadiene	15.01	225	834835	129.17	ug/l	99
95) Naphthalene	15.14	128	4090794	205.12	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1609817	170.57	ug/l	100

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

