

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
 Data File : VN053563.D
 Acq On : 30 Jan 2019 11:06
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 9:18:34 AM

Quant Time: Jan 30 11:26:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 30 11:00:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	769691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1158732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1052495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	520701	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1160045	150.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.60%	
35) Dibromofluoromethane	7.59	113	1108403	151.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.48%	
50) Toluene-d8	10.09	98	4271077	156.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.52%	
62) 4-Bromofluorobenzene	12.40	95	1487232	165.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1296862	166.462	ug/l	100
3) Chloromethane	2.06	50	1480262	164.626	ug/l	99
4) Vinyl Chloride	2.19	62	1376306	156.231	ug/l	100
5) Bromomethane	2.56	94	878677	151.802	ug/l	99
6) Chloroethane	2.70	64	774145	153.277	ug/l	98
7) Trichlorofluoromethane	3.02	101	1776329	147.214	ug/l	100
8) Diethyl Ether	3.41	74	670720	153.225	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1081275	144.449	ug/l	98
10) Methyl Iodide	3.95	142	1846763	160.340	ug/l	100
11) Tert butyl alcohol	4.78	59	375242	841.086	ug/l	100
12) 1,1-Dichloroethene	3.74	96	1086370	152.912	ug/l	98
13) Acrolein	3.61	56	365892	1935.514	ug/l	99
14) Allyl chloride	4.33	41	1771949	157.428	ug/l	98
15) Acrylonitrile	4.99	53	1967916	807.977	ug/l	99
16) Acetone	3.81	43	1406646	702.764	ug/l	100
17) Carbon Disulfide	4.06	76	3410340	154.417	ug/l	100
18) Methyl Acetate	4.32	43	865920	147.163	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	2865012	160.394	ug/l	99
20) Methylene Chloride	4.55	84	1196386	142.835	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1144254	148.568	ug/l	98
22) Diisopropyl ether	5.95	45	3408307	164.739	ug/l	98
23) Vinyl Acetate	5.90	43	12008523	842.473	ug/l	99
24) 1,1-Dichloroethane	5.85	63	2072827	147.357	ug/l	100
25) 2-Butanone	6.83	43	2203029	786.173	ug/l	97
26) 2,2-Dichloropropane	6.82	77	1616275	151.156	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1300487	152.519	ug/l	99
28) Bromochloromethane	7.19	49	886132	144.740	ug/l	97
29) Tetrahydrofuran	7.21	42	1441755	804.481	ug/l	99
30) Chloroform	7.37	83	2022481	144.593	ug/l	100
31) Cyclohexane	7.65	56	1950121	130.612	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1767947	153.370	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1627428	157.021	ug/l	99
37) Ethyl Acetate	6.93	43	952262	166.166	ug/l	98
38) Carbon Tetrachloride	7.77	117	1591908	151.547	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2003721	164.253	ug/l	99
40) Benzene	8.04	78	4866065	151.287	ug/l	100
41) Methacrylonitrile	7.17	41	574894	182.737	ug/l	99
42) 1,2-Dichloroethane	8.12	62	1413556	147.368	ug/l	99
43) Isopropyl Acetate	8.16	43	1737812	155.130	ug/l	99
44) Trichloroethene	8.84	130	1369832	149.256	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1264841	154.252	ug/l	99
46) Dibromomethane	9.21	93	736278	147.909	ug/l	98
47) Bromodichloromethane	9.40	83	1587258	154.480	ug/l	99
48) Methyl methacrylate	9.20	41	876090	165.761	ug/l	96
49) 1,4-Dioxane	9.20	88	242343	3723.824	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	4608138	851.056	ug/l	99
52) Toluene	10.16	92	3007147	158.852	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1741739	172.695	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1975359	163.666	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1059336	154.561	ug/l	99
56) Ethyl methacrylate	10.43	69	1424927	180.850	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1818306	155.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3878556	876.801	ug/l	99
59) 2-Hexanone	10.75	43	3156279	860.403	ug/l	99
60) Dibromochloromethane	10.90	129	1261841	165.180	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1075495	159.387	ug/l	100
64) Tetrachloroethene	10.63	164	1307343	143.925	ug/l	99
65) Chlorobenzene	11.44	112	3368709	150.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1207376	155.603	ug/l	99
67) Ethyl Benzene	11.51	91	5733580	157.411	ug/l	100
68) m/p-Xylenes	11.62	106	4396565	316.562	ug/l	99
69) o-Xylene	11.95	106	2126442	158.524	ug/l	98
70) Styrene	11.96	104	3532283	163.324	ug/l	100
71) Bromoform	12.13	173	902688	172.939	ug/l	99
73) Isopropylbenzene	12.25	105	5482199	149.722	ug/l	100
74) N-amyl acetate	12.07	43	1466364	170.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1277435	145.011	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1005478m	150.407	ug/l	
77) Bromobenzene	12.53	156	1494763	151.826	ug/l	99
78) n-propylbenzene	12.59	91	6468517	153.451	ug/l	100
79) 2-Chlorotoluene	12.68	91	3771475	150.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4698108	155.769	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	408733	177.003	ug/l	96
82) 4-Chlorotoluene	12.77	91	3929295	153.045	ug/l	100
83) tert-Butylbenzene	12.99	119	4019649	149.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	4791451	155.963	ug/l	99
85) sec-Butylbenzene	13.17	105	5536738	151.998	ug/l	99
86) p-Isopropyltoluene	13.29	119	4990176	157.613	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2657987	149.855	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2646648	151.046	ug/l	99
89) n-Butylbenzene	13.62	91	4417068	161.951	ug/l	100
90) Hexachloroethane	13.88	117	838273	161.139	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	2492114	146.161	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	191833	154.401	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1603088	167.910	ug/l	99
94) Hexachlorobutadiene	15.01	225	836209	135.708	ug/l	100
95) Naphthalene	15.13	128	3517056	184.028	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1473010	165.918	ug/l	100

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

