

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057245.D
 Acq On : 13 Aug 2019 13:04
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:58:21 AM

Quant Time: Aug 14 11:11:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 05:31:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1186561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1709353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1569097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	757444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	1173798	90.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.42%	
35) Dibromofluoromethane	7.58	113	1072300	99.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.18%	
50) Toluene-d8	10.09	98	4053416	97.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.80%	
62) 4-Bromofluorobenzene	12.40	95	1454740	104.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	948160	85.825	ug/l	99
3) Chloromethane	2.05	50	1041480	71.507	ug/l	98
4) Vinyl Chloride	2.18	62	1061299	75.817	ug/l	98
5) Bromomethane	2.53	94	728146	86.074	ug/l	97
6) Chloroethane	2.68	64	701472m	84.134	ug/l	
7) Trichlorofluoromethane	3.01	101	1658360	89.743	ug/l	99
8) Diethyl Ether	3.40	74	624233	88.159	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	989914	89.508	ug/l	99
10) Methyl Iodide	3.95	142	1643014	107.575	ug/l	99
11) Tert butyl alcohol	4.77	59	798134	383.918	ug/l #	82
12) 1,1-Dichloroethene	3.73	96	1002958	90.630	ug/l	98
13) Acrolein	3.60	56	580333	653.438	ug/l	100
14) Allyl chloride	4.31	41	1543572	82.214	ug/l	99
15) Acrylonitrile	4.97	53	2245124	371.379	ug/l	99
16) Acetone	3.80	43	1991771	345.056	ug/l	99
17) Carbon Disulfide	4.05	76	2732686	92.893	ug/l	98
18) Methyl Acetate	4.31	43	1022921	64.736	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	3024185	86.603	ug/l	100
20) Methylene Chloride	4.54	84	1107273	84.855	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	1053457	90.233	ug/l	98
22) Diisopropyl ether	5.94	45	2942922	79.886	ug/l	97
23) Vinyl Acetate	5.88	43	12171969	409.370	ug/l	100
24) 1,1-Dichloroethane	5.84	63	1857462	85.607	ug/l	99
25) 2-Butanone	6.82	43	2900784	346.121	ug/l	99
26) 2,2-Dichloropropane	6.81	77	1588603	99.254	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	1224349	91.065	ug/l	100
28) Bromochloromethane	7.18	49	828681	82.727	ug/l	99
29) Tetrahydrofuran	7.20	42	1829480	336.152	ug/l	99
30) Chloroform	7.36	83	1910235	87.330	ug/l	100
31) Cyclohexane	7.65	56	1605279	79.384	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	1701235	97.299	ug/l	100
36) 1,1-Dichloropropene	7.79	75	1463094	92.746	ug/l	99
37) Ethyl Acetate	6.91	43	1163176	78.017	ug/l	99
38) Carbon Tetrachloride	7.77	117	1547164	102.731	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1756532	90.795	ug/l	100
40) Benzene	8.03	78	4357075	90.560	ug/l	99
41) Methacrylonitrile	7.17	41	556011m	85.782	ug/l	
42) 1,2-Dichloroethane	8.12	62	1410971	92.346	ug/l	99
43) Isopropyl Acetate	8.16	43	1974100	83.001	ug/l	100
44) Trichloroethene	8.83	130	1269410	95.946	ug/l	98
45) 1,2-Dichloropropane	9.11	63	1129529	89.126	ug/l	99
46) Dibromomethane	9.20	93	743551	93.577	ug/l	99
47) Bromodichloromethane	9.40	83	1506719	99.070	ug/l	100
48) Methyl methacrylate	9.19	41	949854	83.106	ug/l	99
49) 1,4-Dioxane	9.19	88	395464	1659.860	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	5792291	381.367	ug/l	100
52) Toluene	10.15	92	2756751	95.786	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1670220	105.077	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	1828062	99.526	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1059368	88.559	ug/l	99
56) Ethyl methacrylate	10.43	69	1598234	93.931	ug/l	100
57) 1,3-Dichloropropane	10.70	76	1747979	89.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	2237291	296.491	ug/l	99
59) 2-Hexanone	10.75	43	4296406	396.090	ug/l	100
60) Dibromochloromethane	10.90	129	1261951	105.745	ug/l	99
61) 1,2-Dibromoethane	11.00	107	1139059	95.504	ug/l	99
64) Tetrachloroethene	10.63	164	1232152	90.603	ug/l	98
65) Chlorobenzene	11.43	112	3073275	95.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1177633	98.702	ug/l	98
67) Ethyl Benzene	11.51	91	5400362	95.920	ug/l	99
68) m/p-Xylenes	11.62	106	4115396	195.735	ug/l	100
69) o-Xylene	11.95	106	2004167	96.988	ug/l	99
70) Styrene	11.96	104	3414863	102.561	ug/l	100
71) Bromoform	12.13	173	990851	109.287	ug/l	100
73) Isopropylbenzene	12.25	105	5418254	87.097	ug/l	99
74) N-amyl acetate	12.07	43	1686388	76.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1470674	71.885	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1235729m	75.771	ug/l	
77) Bromobenzene	12.53	156	1467546	90.037	ug/l	99
78) n-propylbenzene	12.59	91	5966085	87.319	ug/l	99
79) 2-Chlorotoluene	12.67	91	3568387	83.980	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	4629155	88.090	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	504546	93.376	ug/l	99
82) 4-Chlorotoluene	12.77	91	3593797	89.815	ug/l	100
83) tert-Butylbenzene	12.99	119	4065076	88.030	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	4513376	88.653	ug/l	100
85) sec-Butylbenzene	13.17	105	5225115	89.620	ug/l	99
86) p-Isopropyltoluene	13.29	119	4793851	91.252	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2430452	92.348	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2350257	92.344	ug/l	99
89) n-Butylbenzene	13.62	91	3678250	89.063	ug/l	100
90) Hexachloroethane	13.88	117	868049	99.559	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	2329754	87.194	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	234447	74.261	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1090919	94.473	ug/l	100
94) Hexachlorobutadiene	15.01	225	956985	96.423	ug/l	100
95) Naphthalene	15.13	128	1979451	66.743	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	893710	75.900	ug/l	98

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

