Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050819\
Data File : VN055482.D
Acq On : 8 May 2019 18:14
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
5/9/2019 6:33:02 PM

Quant Time: May 09 04:06:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 03:36:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	722564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1261589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1131073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	513641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	1058306	108.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 217.06%			
35) Dibromofluoromethane	7.59	113	803701	96.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 193.48%			
50) Toluene-d8	10.09	98	3182628	104.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 208.84%			
62) 4-Bromofluorobenzene	12.40	95	1140917	118.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 237.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	684733	80.836	ug/l	99
3) Chloromethane	2.06	50	1109671	100.493	ug/l	99
4) Vinyl Chloride	2.19	62	1064558	115.701	ug/l	99
5) Bromomethane	2.52	94	578419	117.352	ug/l	99
6) Chloroethane	2.68	64	611631	120.994	ug/l	97
7) Trichlorofluoromethane	3.00	101	1172657	93.399	ug/l	99
8) Diethyl Ether	3.41	74	529627	115.997	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	740471	98.369	ug/l	100
10) Methyl Iodide	3.94	142	1105324	104.620	ug/l	100
11) Tert butyl alcohol	4.82	59	836333	1100.570	ug/l	100
12) 1,1-Dichloroethene	3.72	96	765087	105.364	ug/l	98
13) Acrolein	3.61	56	544547	999.092	ug/l	98
14) Allyl chloride	4.32	41	1623434	107.960	ug/l	98
15) Acrylonitrile	5.00	53	2509485	744.846	ug/l	99
16) Acetone	3.82	43	2281669	692.590	ug/l	98
17) Carbon Disulfide	4.04	76	2213039	116.253	ug/l	99
18) Methyl Acetate	4.33	43	1041483	114.370	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	2631583	125.192	ug/l	99
20) Methylene Chloride	4.54	84	932855	101.446	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	838771	108.734	ug/l	98
22) Diisopropyl ether	5.96	45	3320123	110.525	ug/l	99
23) Vinyl Acetate	5.90	43	13831545	680.633	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1717675	107.322	ug/l	99
25) 2-Butanone	6.84	43	3585540	828.474	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1109998	101.872	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	971701	110.178	ug/l	98
28) Bromochloromethane	7.19	49	910993	111.632	ug/l	99
29) Tetrahydrofuran	7.22	42	2327178	839.331	ug/l	99
30) Chloroform	7.37	83	1582772	104.702	ug/l	99
31) Cyclohexane	7.65	56	1646929	107.291	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1243214	102.228	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1249920	101.835	ug/l	99
37) Ethyl Acetate	6.94	43	1385059	136.886	ug/l	99
38) Carbon Tetrachloride	7.77	117	1026619	89.189	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	1492266	112.840	ug/l		99
40) Benzene	8.04	78	3798630	104.724	ug/l		99
41) Methacrylonitrile	7.18	41	643177	123.028	ug/l		94
42) 1,2-Dichloroethane	8.13	62	1283506	100.351	ug/l		99
43) Isopropyl Acetate	8.17	43	2201137	137.659	ug/l		98
44) Trichloroethene	8.84	130	876580	95.963	ug/l		99
45) 1,2-Dichloropropane	9.12	63	1073968	103.036	ug/l		99
46) Dibromomethane	9.21	93	618255	107.232	ug/l		98
47) Bromodichloromethane	9.40	83	1239760	102.199	ug/l		99
48) Methyl methacrylate	9.20	41	1077220	137.833	ug/l		99
49) 1,4-Dioxane	9.21	88	402802	4149.262	ug/l		98
51) 4-Methyl-2-Pentanone	9.99	43	7123092	763.311	ug/l		100
52) Toluene	10.16	92	2241376	107.590	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	1336595	124.837	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	1547479	116.757	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	881986	112.629	ug/l		99
56) Ethyl methacrylate	10.43	69	1476642	147.396	ug/l		99
57) 1,3-Dichloropropane	10.71	76	1593157	115.523	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	2330416	857.255	ug/l		99
59) 2-Hexanone	10.75	43	5005836	832.145	ug/l		100
60) Dibromochloromethane	10.90	129	875242	111.789	ug/l		99
61) 1,2-Dibromoethane	11.00	107	886249	121.267	ug/l		99
64) Tetrachloroethene	10.63	164	820665	88.206	ug/l		99
65) Chlorobenzene	11.43	112	2254087	100.620	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	801861	93.143	ug/l		100
67) Ethyl Benzene	11.51	91	4331983	106.603	ug/l		99
68) m/p-Xylenes	11.62	106	3143909	216.241	ug/l		100
69) o-Xylene	11.95	106	1531505	106.249	ug/l		100
70) Styrene	11.96	104	2636682	118.508	ug/l		100
71) Bromoform	12.13	173	603797	122.846	ug/l	#	99
73) Isopropylbenzene	12.25	105	4069873	78.915	ug/l		99
74) N-amyl acetate	12.07	43	1873276	131.620	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1324493	97.028	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	1137106m	92.692	ug/l		
77) Bromobenzene	12.53	156	944702	80.987	ug/l		99
78) n-propylbenzene	12.59	91	4779510	89.523	ug/l		100
79) 2-Chlorotoluene	12.67	91	2825770	82.763	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	3539591	86.733	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	376557	128.057	ug/l		95
82) 4-Chlorotoluene	12.77	91	2895491	92.942	ug/l		100
83) tert-Butylbenzene	12.99	119	2901750	79.580	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	3487282	95.573	ug/l		99
85) sec-Butylbenzene	13.17	105	3998880	89.843	ug/l		100
86) p-Isopropyltoluene	13.29	119	3503861	95.917	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	1663973	95.768	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	1635453	99.894	ug/l		99
89) n-Butylbenzene	13.61	91	3096213	117.556	ug/l		99
90) Hexachloroethane	13.87	117	560424	82.513	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	1612969	93.574	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	235036	155.863	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	803482	146.083	ug/l	98
94) Hexachlorobutadiene	15.01	225	499277	78.951	ug/l	100
95) Naphthalene	15.13	128	2246642	175.953	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	855505	148.384	ug/l	99

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

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