Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Data File : VN055602.D
Acq On : 17 May 2019 11:03
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
5/20/2019 9:10:07 AM

Quant Time: May 17 23:38:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:16:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	327841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	495922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	445639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	350046	103.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 206.16%			
35) Dibromofluoromethane	7.59	113	313403	96.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 192.50%			
50) Toluene-d8	10.09	98	1190266	102.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 204.00%			
62) 4-Bromofluorobenzene	12.40	95	426776	110.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 221.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	230340	83.285	ug/l	98
3) Chloromethane	2.06	50	316315	91.525	ug/l	100
4) Vinyl Chloride	2.18	62	344961	92.211	ug/l	98
5) Bromomethane	2.54	94	224136	82.727	ug/l	99
6) Chloroethane	2.70	64	199922	83.599	ug/l	98
7) Trichlorofluoromethane	3.02	101	443999	83.950	ug/l	99
8) Diethyl Ether	3.41	74	186789	97.655	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	268569	83.600	ug/l	99
10) Methyl Iodide	3.96	142	423542	90.605	ug/l	99
11) Tert butyl alcohol	4.77	59	331517	1086.289	ug/l	99
12) 1,1-Dichloroethene	3.74	96	282183	93.215	ug/l	98
13) Acrolein	3.60	56	170926	996.452	ug/l	99
14) Allyl chloride	4.33	41	439724	94.694	ug/l	94
15) Acrylonitrile	4.98	53	768044	683.277	ug/l	100
16) Acetone	3.81	43	704709	692.630	ug/l	100
17) Carbon Disulfide	4.06	76	791981	85.881	ug/l	100
18) Methyl Acetate	4.32	43	311939	132.428	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	962499	120.240	ug/l	98
20) Methylene Chloride	4.55	84	316222	92.217	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	306431	96.481	ug/l	99
22) Diisopropyl ether	5.95	45	941671	109.012	ug/l	97
23) Vinyl Acetate	5.89	43	4100119	636.856	ug/l	100
24) 1,1-Dichloroethane	5.85	63	549664	95.094	ug/l	100
25) 2-Butanone	6.83	43	1047827	785.133	ug/l	100
26) 2,2-Dichloropropane	6.82	77	469265	104.872	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	357172	99.985	ug/l	99
28) Bromochloromethane	7.20	49	240253	95.188	ug/l	99
29) Tetrahydrofuran	7.21	42	673827	783.629	ug/l	99
30) Chloroform	7.37	83	551754	95.023	ug/l	100
31) Cyclohexane	7.65	56	491533	81.780	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	489901	98.002	ug/l	100
36) 1,1-Dichloropropene	7.79	75	428447	94.525	ug/l	100
37) Ethyl Acetate	6.92	43	413069	149.058	ug/l	99
38) Carbon Tetrachloride	7.77	117	440386	90.464	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	508390	97.849	ug/l		100
40) Benzene	8.04	78	1271636	95.494	ug/l		100
41) Methacrylonitrile	7.18	41	177171m	125.073	ug/l		
42) 1,2-Dichloroethane	8.12	62	422408	104.087	ug/l		99
43) Isopropyl Acetate	8.16	43	714738	136.312	ug/l		99
44) Trichloroethene	8.84	130	364480	97.645	ug/l		100
45) 1,2-Dichloropropane	9.12	63	336010	98.270	ug/l		100
46) Dibromomethane	9.21	93	224425	107.484	ug/l		99
47) Bromodichloromethane	9.40	83	457020	104.287	ug/l		100
48) Methyl methacrylate	9.20	41	329661	146.048	ug/l		99
49) 1,4-Dioxane	9.20	88	126177	3448.513	ug/l		100
51) 4-Methyl-2-Pentanone	9.98	43	2068618	827.561	ug/l		100
52) Toluene	10.16	92	813569	103.355	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	528147	122.155	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	563634	113.029	ug/l		100
55) 1,1,2-Trichloroethane	10.56	97	323044	109.908	ug/l		99
56) Ethyl methacrylate	10.43	69	528061	150.251	ug/l		99
57) 1,3-Dichloropropane	10.71	76	538145	110.540	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.69	63	1203119	777.363	ug/l		99
59) 2-Hexanone	10.75	43	1531313	891.377	ug/l		100
60) Dibromochloromethane	10.90	129	388214	113.967	ug/l		100
61) 1,2-Dibromoethane	11.00	107	344113	117.548	ug/l		100
64) Tetrachloroethene	10.63	164	334794	85.394	ug/l		99
65) Chlorobenzene	11.43	112	881990	94.832	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	343134	100.185	ug/l		99
67) Ethyl Benzene	11.51	91	1548336	102.090	ug/l		100
68) m/p-Xylenes	11.62	106	1176832	201.713	ug/l		100
69) o-Xylene	11.95	106	566800	100.707	ug/l		100
70) Styrene	11.96	104	1002256	112.419	ug/l		99
71) Bromoform	12.13	173	313064	123.776	ug/l	#	100
73) Isopropylbenzene	12.25	105	1491434	97.709	ug/l		99
74) N-amyl acetate	12.07	43	610476	156.665	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	469553	123.192	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	381518m	115.247	ug/l		
77) Bromobenzene	12.53	156	407914	99.991	ug/l		99
78) n-propylbenzene	12.59	91	1701804	100.200	ug/l		100
79) 2-Chlorotoluene	12.67	91	1012811	98.652	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	1276443	100.844	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	168561	157.313	ug/l		99
82) 4-Chlorotoluene	12.77	91	1032561	101.104	ug/l		99
83) tert-Butylbenzene	12.99	119	1081008	95.538	ug/l		100
84) 1,2,4-Trimethylbenzene	13.04	105	1272873	100.701	ug/l		100
85) sec-Butylbenzene	13.17	105	1422443	93.892	ug/l		100
86) p-Isopropyltoluene	13.29	119	1330840	100.527	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	698467	98.442	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	688313	96.492	ug/l		99
89) n-Butylbenzene	13.61	91	1117845	102.981	ug/l		100
90) Hexachloroethane	13.87	117	253166	98.205	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	672210	96.379	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91581	152.296	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	407826	111.879	ug/l	99
94) Hexachlorobutadiene	15.01	225	219791	75.876	ug/l	99
95) Naphthalene	15.13	128	1122241	153.155	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	400183	112.605	ug/l	100

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

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