Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
Data File : VN054459.D
Acq On : 20 Mar 2019 11:41
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDICCC050

Manual Integrations APPROVED
MMDadoda
3/22/2019 3:16:19 PM

Quant Time: Mar 20 13:11:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 12:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	516776	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	833986	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	728645	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	340822	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	337866	61.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 123.12%				
35) Dibromofluoromethane	7.59	113	277925	51.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.34%				
50) Toluene-d8	10.09	98	1031884	51.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.90%				
62) 4-Bromofluorobenzene	12.40	95	350889	50.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.96%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	254766	52.017	ug/l		100
3) Chloromethane	2.06	50	342480	71.987	ug/l		99
4) Vinyl Chloride	2.19	62	349542	64.281	ug/l		100
5) Bromomethane	2.57	94	206980	54.959	ug/l		97
6) Chloroethane	2.71	64	201967	61.387	ug/l		100
7) Trichlorofluoromethane	3.02	101	417853	57.798	ug/l		97
8) Diethyl Ether	3.41	74	158130	47.998	ug/l		73
9) 1,1,2-Trichlorotrifluoroet	3.75	101	237225	43.788	ug/l		97
10) Methyl Iodide	3.94	142	371158	52.074	ug/l		95
11) Tert butyl alcohol	4.82	59	105513	280.442	ug/l		98
12) 1,1-Dichloroethene	3.73	96	250228	46.608	ug/l		88
13) Acrolein	3.61	56	138907	389.621	ug/l		99
14) Allyl chloride	4.32	41	477494	69.320	ug/l	#	92
15) Acrylonitrile	5.00	53	514565	332.949	ug/l		99
16) Acetone	3.82	43	516013	328.380	ug/l		88
17) Carbon Disulfide	4.04	76	655078	48.674	ug/l		99
18) Methyl Acetate	4.33	43	223223	70.214	ug/l	#	89
19) Methyl tert-butyl Ether	5.05	73	754661	56.710	ug/l		96
20) Methylene Chloride	4.55	84	278936	54.060	ug/l	#	86
21) trans-1,2-Dichloroethene	5.04	96	263115	51.150	ug/l		86
22) Diisopropyl ether	5.96	45	956678	69.588	ug/l	#	96
23) Vinyl Acetate	5.90	43	3567699	351.972	ug/l	#	94
24) 1,1-Dichloroethane	5.85	63	513290	58.149	ug/l		97
25) 2-Butanone	6.85	43	687689	372.866	ug/l		90
26) 2,2-Dichloropropane	6.82	77	372959	48.045	ug/l		97
27) cis-1,2-Dichloroethene	6.83	96	307342	53.556	ug/l		90
28) Bromochloromethane	7.19	49	255165	70.709	ug/l	#	79
29) Tetrahydrofuran	7.22	42	442846	373.446	ug/l	#	86
30) Chloroform	7.37	83	500272	54.312	ug/l		98
31) Cyclohexane	7.65	56	486385	51.189	ug/l		88
32) 1,1,1-Trichloroethane	7.57	97	422989	50.847	ug/l		97
36) 1,1-Dichloropropene	7.79	75	384744	50.095	ug/l		96
37) Ethyl Acetate	6.94	43	292066	66.183	ug/l		97
38) Carbon Tetrachloride	7.77	117	373650	46.392	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	440131	46.576	ug/l		91
40) Benzene	8.04	78	1122527	51.075	ug/l		100
41) Methacrylonitrile	7.18	41	167684	66.549	ug/l		90
42) 1,2-Dichloroethane	8.12	62	401185	54.067	ug/l		97
43) Isopropyl Acetate	8.17	43	496497	64.097	ug/l	#	94
44) Trichloroethene	8.83	130	307317	45.012	ug/l		95
45) 1,2-Dichloropropane	9.12	63	309873	56.781	ug/l		98
46) Dibromomethane	9.21	93	182501	49.494	ug/l		92
47) Bromodichloromethane	9.40	83	380551	51.481	ug/l		98
48) Methyl methacrylate	9.20	41	261431	66.505	ug/l		88
49) 1,4-Dioxane	9.20	88	59522	1070.475	ug/l	#	85
51) 4-Methyl-2-Pentanone	9.99	43	1399868	341.493	ug/l		95
52) Toluene	10.16	92	690991	49.585	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	376481	50.040	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	450998	52.356	ug/l		92
55) 1,1,2-Trichloroethane	10.56	97	253653	49.850	ug/l		97
56) Ethyl methacrylate	10.43	69	353746	58.304	ug/l	#	86
57) 1,3-Dichloropropane	10.71	76	438618	52.717	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	731536	318.293	ug/l		92
59) 2-Hexanone	10.75	43	904628	331.653	ug/l		94
60) Dibromochloromethane	10.90	129	279018	48.717	ug/l		99
61) 1,2-Dibromoethane	11.00	107	254133	49.147	ug/l		98
64) Tetrachloroethene	10.63	164	295754	41.981	ug/l		96
65) Chlorobenzene	11.43	112	734432	45.905	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	274404	47.213	ug/l		99
67) Ethyl Benzene	11.51	91	1303182	49.137	ug/l		99
68) m/p-Xylenes	11.62	106	988046	95.319	ug/l		98
69) o-Xylene	11.95	106	481882	47.688	ug/l		99
70) Styrene	11.96	104	807301	50.941	ug/l		98
71) Bromoform	12.13	173	174436	45.343	ug/l	#	98
73) Isopropylbenzene	12.25	105	1258656	46.159	ug/l		99
74) N-amyl acetate	12.07	43	410354	67.798	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.50	83	305619	52.606	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	261748m	52.225	ug/l		
77) Bromobenzene	12.53	156	318094	44.085	ug/l		88
78) n-propylbenzene	12.59	91	1393209	47.088	ug/l		98
79) 2-Chlorotoluene	12.67	91	849529	47.753	ug/l		95
80) 1,3,5-Trimethylbenzene	12.73	105	1054962	46.513	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	71403	48.701	ug/l		86
82) 4-Chlorotoluene	12.77	91	850574	47.882	ug/l		97
83) tert-Butylbenzene	12.99	119	914856	43.822	ug/l		96
84) 1,2,4-Trimethylbenzene	13.04	105	1055223	47.423	ug/l		99
85) sec-Butylbenzene	13.17	105	1135153	41.928	ug/l		98
86) p-Isopropyltoluene	13.29	119	1039989	43.785	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	547124	45.000	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	532290	44.566	ug/l		99
89) n-Butylbenzene	13.61	91	852132	47.217	ug/l		98
90) Hexachloroethane	13.87	117	166458	42.324	ug/l		90
91) 1,2-Dichlorobenzene	13.65	146	533158	44.856	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50031	55.652	ug/l		86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	284985	46.392	ug/l	100
94) Hexachlorobutadiene	15.01	225	160586	35.470	ug/l	99
95) Naphthalene	15.13	128	643916	50.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	284147	44.994	ug/l	99

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

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