Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020698.D
Acq On : 04 Jun 2019 10:06
Operator : HP/JU
Sample : K3139-07MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 04 13:11:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Manual Integrations APPROVED
mohammad
6/5/2019 8:46:21 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	312696	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1183651	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	617028	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1277414	20.00	ng		0.00
76) Chrysene-d12	21.39	240	1209884	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1389629	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2604804	146.53	ng		0.00
7) Phenol-d6	6.99	99	3517751	134.39	ng		0.00
23) Nitrobenzene-d5	8.99	82	2146138	93.94	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	1192434	155.98	ng		-0.01
45) 2-Fluorobiphenyl	13.09	172	4532239	97.65	ng		0.00
79) Terphenyl-d14	19.83	244	6097419	84.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	285036	39.164	ng		97
3) Pyridine	3.74	79	833044	35.975	ng		98
4) n-Nitrosodimethylamine	3.66	42	412262	41.301	ng		97
6) Aniline	7.16	93	998920	26.375	ng		98
8) 2-Chlorophenol	7.39	128	977276	44.192	ng		99
9) Benzaldehyde	6.98	77	336004	18.546	ng		96
10) Phenol	7.02	94	1218026	43.181	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	912570	40.595	ng		98
12) 1,3-Dichlorobenzene	7.72	146	1033504	40.664	ng		98
13) 1,4-Dichlorobenzene	7.86	146	1061029	41.065	ng		99
14) 1,2-Dichlorobenzene	8.18	146	1013424	40.304	ng		99
15) Benzyl Alcohol	8.07	79	883190	38.141	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1254206	36.137	ng		100
17) 2-Methylphenol	8.26	107	797358	40.199	ng		98
18) Hexachloroethane	8.90	117	387632	39.185	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	737429	35.048	ng		98
20) 3+4-Methylphenols	8.59	107	1054978	39.092	ng		99
22) Acetophenone	8.65	105	1384973	46.060	ng	#	97
24) Nitrobenzene	9.03	77	1088867	46.688	ng		100
25) Isophorone	9.55	82	1917952	42.205	ng		100
26) 2-Nitrophenol	9.73	139	468553	53.907	ng		99
27) 2,4-Dimethylphenol	9.79	122	821200	50.420	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1180340	42.958	ng		99
29) 2,4-Dichlorophenol	10.26	162	866201	48.069	ng		98
30) 1,2,4-Trichlorobenzene	10.48	180	964369	46.542	ng		99
31) Naphthalene	10.67	128	2834785	46.573	ng		100
32) Benzoic acid	9.88	122	168394m	19.803	ng		
33) 4-Chloroaniline	10.78	127	468355	16.534	ng		96
34) Hexachlorobutadiene	10.95	225	553452	44.517	ng		100
35) Caprolactam	11.57	113	259303m	41.421	ng		
36) 4-Chloro-3-methylphenol	11.90	107	908882	43.381	ng		99
37) 2-Methylnaphthalene	12.28	142	2006463	44.473	ng		99
38) 1-Methylnaphthalene	12.50	142	1909538	44.450	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1014233	50.158	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1147147	94.857 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	654876	50.315 ng	99
44) 2,4,5-Trichlorophenol	12.96	196	695134	51.732 ng	96
46) 1,1'-Biphenyl	13.30	154	2484739	48.217 ng	99
47) 2-Chloronaphthalene	13.33	162	1930368	46.413 ng	99
48) 2-Nitroaniline	13.55	65	576868	44.191 ng	93
49) Acenaphthylene	14.19	152	3041037	46.861 ng	100
50) Dimethylphthalate	13.93	163	2601824	49.356 ng	100
51) 2,6-Dinitrotoluene	14.05	165	502961	46.988 ng	90
52) Acenaphthene	14.53	154	1753668	45.346 ng	99
53) 3-Nitroaniline	14.37	138	331767	27.769 ng	96
54) 2,4-Dinitrophenol	14.57	184	248972	56.420 ng	94
55) Dibenzofuran	14.86	168	2766388	46.057 ng	99
56) 4-Nitrophenol	14.68	139	873186	99.179 ng	92
57) 2,4-Dinitrotoluene	14.83	165	675199	47.111 ng	98
58) Fluorene	15.51	166	2228085	45.108 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	586841	50.119 ng	99
60) Diethylphthalate	15.29	149	2280727	41.949 ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	1142246	43.675 ng	95
62) 4-Nitroaniline	15.54	138	528379	41.700 ng	97
63) Azobenzene	15.80	77	2190139	42.018 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	243213	42.974 ng	97
66) n-Nitrosodiphenylamine	15.72	169	1932461	47.257 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	675726	44.928 ng	95
68) Hexachlorobenzene	16.50	284	782400	44.549 ng	97
69) Atrazine	16.67	200	630923	51.695 ng	100
70) Pentachlorophenol	16.85	266	918302	109.602 ng	100
71) Phenanthrene	17.25	178	3364716	46.469 ng	100
72) Anthracene	17.34	178	3471901	47.907 ng	100
73) Carbazole	17.61	167	3128412	47.569 ng	99
74) Di-n-butylphthalate	18.17	149	3771137	44.173 ng	99
75) Fluoranthene	19.26	202	3867835	48.034 ng	100
77) Benzidine	19.45	184	1992720	54.356 ng	100
78) Pyrene	19.63	202	3947766	42.520 ng	100
80) Butylbenzylphthalate	20.53	149	1726033	43.991 ng	95
81) Benzo(a)anthracene	21.37	228	3755492	44.573 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	977279	31.675 ng	99
83) Chrysene	21.42	228	3745463	46.766 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	2437882	42.751 ng	99
85) Di-n-octyl phthalate	22.19	149	4226848	46.687 ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	4940360	60.296 ng	99
88) Benzo(b)fluoranthene	22.98	252	4081013	44.433 ng	99
89) Benzo(k)fluoranthene	23.03	252	4029930	44.898 ng	99
90) Benzo(a)pyrene	23.57	252	4018005	48.230 ng	99
91) Dibenzo(a,h)anthracene	26.02	278	4191528	51.860 ng	99
92) Benzo(g,h,i)perylene	26.72	276	4033878	53.733 ng	99

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

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