Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104592.D
Acq On : 18 Apr 2018 11:06
Operator : JU/SJ
Sample : J2387-13MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180246-AMEND-COMP-CMS

Quant Time: Apr 18 11:54:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136884	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	564851	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	258826	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	477343	20.00	ng		0.00
75) Chrysene-d12	13.98	240	342609	20.00	ng		0.00
86) Perylene-d12	15.44	264	275231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	472758	52.81	ng		0.00
7) Phenol-d6	6.44	99	363719	33.07	ng		0.00
23) Nitrobenzene-d5	7.37	82	797788	92.23	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	331400	123.43	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1344946	82.09	ng		0.00
78) Terphenyl-d14	12.92	244	1407768	93.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	61054	14.637	ng		91
3) Pyridine	3.27	79	162160	13.827	ng	#	85
4) n-Nitrosodimethylamine	3.22	42	66737	16.279	ng		79
6) Aniline	6.47	93	356705	23.342	ng		96
8) 2-Chlorophenol	6.59	128	325773	34.478	ng		94
9) Benzaldehyde	6.36	77	243193	45.909	ng		94
10) Phenol	6.45	94	162696	13.941	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	383901	41.221	ng		96
12) 1,3-Dichlorobenzene	6.75	146	399408	37.313	ng		99
13) 1,4-Dichlorobenzene	6.82	146	399882	37.476	ng		99
14) 1,2-Dichlorobenzene	6.97	146	370497	37.468	ng		99
15) Benzyl Alcohol	6.95	79	210802	25.233	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	484139	38.708	ng		90
17) 2-Methylphenol	7.06	107	214440	26.109	ng		96
18) Hexachloroethane	7.32	117	143802	37.798	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	271899	37.829	ng		92
20) 3+4-Methylphenols	7.22	107	221121	21.707	ng	#	38
22) Acetophenone	7.22	105	532164	38.268	ng		100
24) Nitrobenzene	7.39	77	413222	43.267	ng		98
25) Isophorone	7.63	82	780857	42.688	ng		98
26) 2-Nitrophenol	7.70	139	216670	55.727	ng		97
27) 2,4-Dimethylphenol	7.75	122	312179	38.669	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	488243	43.655	ng		99
29) 2,4-Dichlorophenol	7.95	162	307927	39.976	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	321191	37.995	ng		99
31) Naphthalene	8.12	128	2021860	71.884	ng		99
32) Benzoic acid	7.86	122	87582	13.597	ng		96
33) 4-Chloroaniline	8.16	127	350965	29.126	ng		97
34) Hexachlorobutadiene	8.22	225	168413	36.372	ng		99
35) Caprolactam	8.57	113	16416	6.109	ng	#	78
36) 4-Chloro-3-methylphenol	8.64	107	308273	37.323	ng		99
37) 2-Methylnaphthalene	8.80	142	795115	43.703	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	313577	42.323	ng		99
40) Hexachlorocyclopentadiene	8.95	237	190100	45.831	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	219529	42.683 ng		100
43) 2,4,5-Trichlorophenol	9.12	196	237322	41.234 ng		97
45) 1,1'-Biphenyl	9.27	154	872032	40.106 ng		99
46) 2-Chloronaphthalene	9.29	162	693321	40.370 ng		99
47) 2-Nitroaniline	9.39	65	221469	52.145 ng		97
48) Acenaphthylene	9.71	152	1050866	38.999 ng		100
49) Dimethylphthalate	9.57	163	833541	40.839 ng		100
50) 2,6-Dinitrotoluene	9.63	165	190932	50.555 ng		100
51) Acenaphthene	9.88	154	633849	38.554 ng		99
52) 3-Nitroaniline	9.80	138	138363	31.294 ng		99
53) 2,4-Dinitrophenol	9.92	184	181491	102.485 ng	#	19
54) Dibenzofuran	10.06	168	949753	41.453 ng		100
55) 4-Nitrophenol	9.97	139	109895	31.641 ng		95
56) 2,4-Dinitrotoluene	10.04	165	252165	50.902 ng	#	98
57) Fluorene	10.40	166	730158	43.783 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	191125	44.511 ng		95
59) Diethylphthalate	10.27	149	827646	40.716 ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	325557	43.834 ng		100
61) 4-Nitroaniline	10.42	138	203038	46.965 ng		96
62) Azobenzene	10.55	77	779190	40.122 ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	119869	51.017 ng		80
65) n-Nitrosodiphenylamine	10.51	169	667467	40.329 ng		99
66) 4-Bromophenyl-phenylether	10.88	248	211752	41.705 ng	#	87
67) Hexachlorobenzene	10.94	284	234541	41.053 ng	#	87
68) Atrazine	11.04	200	201757	40.386 ng		98
69) Pentachlorophenol	11.14	266	246481	69.737 ng		97
70) Phenanthrene	11.36	178	1122701	42.234 ng		99
71) Anthracene	11.42	178	1106771	40.958 ng		100
72) Carbazole	11.57	167	1044611	39.561 ng		99
73) Di-n-butylphthalate	11.90	149	1295711	40.171 ng		99
74) Fluoranthene	12.56	202	1127374	40.591 ng		97
76) Benzidine	12.67	184	239532	16.507 ng		97
77) Pyrene	12.78	202	1146560	45.148 ng		100
79) Butylbenzylphthalate	13.40	149	547708	45.779 ng		96
80) Benzo(a)anthracene	13.97	228	910348	44.477 ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	214049	28.048 ng		98
82) Chrysene	14.01	228	840688	39.988 ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	741610	48.191 ng		98
84) Di-n-octyl phthalate	14.57	149	1165004	45.307 ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	817103	45.752 ng		98
87) Benzo(b)fluoranthene	15.02	252	731620	42.088 ng		98
88) Benzo(k)fluoranthene	15.05	252	704526	42.930 ng		100
89) Benzo(a)pyrene	15.39	252	680073	43.725 ng		98
90) Dibenzo(a,h)anthracene	16.92	278	665412	52.090 ng		99
91) Benzo(g,h,i)perylene	17.34	276	707341	57.154 ng		97

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

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