Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089569.D
Acq On : 3 Aug 2016 20:28
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 07:35:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:15:27 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	43021	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	189031	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	86746	20.00	ng	0.00
63) Phenanthrene-d10	14.72	188	160844	20.00	ng	0.00
75) Chrysene-d12	18.41	240	89559	20.00	ng	0.00
86) Perylene-d12	20.07	264	74593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	206449	79.50	ng	0.00
7) Phenol-d6	7.00	99	280471	81.03	ng	0.00
23) Nitrobenzene-d5	8.38	82	272631	79.79	ng	0.00
41) 2,4,6-Tribromophenol	13.61	330	57008	82.74	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	522804	78.27	ng	0.00
78) Terphenyl-d14	17.07	244	370519	83.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	58000	39.41	ng	100
3) Pyridine	2.35	79	116148	39.92	ng	100
4) n-Nitrosodimethylamine	2.32	42	45090	38.75	ng	100
6) Aniline	6.96	93	187185	40.15	ng	100
8) 2-Chlorophenol	7.14	128	128477	41.34	ng	100
9) Benzaldehyde	6.78	77	57393	46.54	ng	100
10) Phenol	7.03	94	151344	42.22	ng	100
11) bis(2-Chloroethyl)ether	7.11	93	124291	39.45	ng	100
12) 1,3-Dichlorobenzene	7.37	146	134842	39.56	ng	100
13) 1,4-Dichlorobenzene	7.50	146	131382	38.60	ng	100
14) 1,2-Dichlorobenzene	7.72	146	139357	39.45	ng	100
15) Benzyl Alcohol	7.76	79	96210	42.55	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.95	45	153476	39.50	ng	100
17) 2-Methylphenol	7.96	107	91033	40.03	ng	100
18) Hexachloroethane	8.25	117	55750	39.00	ng	100
19) n-Nitroso-di-n-propylamine	8.18	70	99777	77.02	ng	100
20) 3+4-Methylphenols	8.23	107	119294	40.07	ng	100
22) Acetophenone	8.15	105	167741	37.38	ng	100
24) Nitrobenzene	8.41	77	137765	38.77	ng	100
25) Isophorone	8.81	82	246689	38.02	ng	100
26) 2-Nitrophenol	8.91	139	58080	39.21	ng	100
27) 2,4-Dimethylphenol	9.05	122	108097	40.73	ng	100
28) bis(2-Chloroethoxy)methane	9.19	93	157911	40.63	ng	100
29) 2,4-Dichlorophenol	9.32	162	97424	39.02	ng	100
30) 1,2,4-Trichlorobenzene	9.43	180	113531	39.78	ng	100
31) Naphthalene	9.53	128	390893	38.89	ng	100
32) Benzoic acid	9.38	122	70102	39.76	ng	100
33) 4-Chloroaniline	9.67	127	151528	39.03	ng	100
34) Hexachlorobutadiene	9.75	225	63009	38.06	ng	100
35) Caprolactam	10.31	113	29784	40.55	ng	100
36) 4-Chloro-3-methylphenol	10.52	107	120588	41.21	ng	100
37) 2-Methylnaphthalene	10.65	142	238700	38.85	ng	100
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	130521	39.93	ng	100
40) Hexachlorocyclopentadiene	10.91	237	45600	42.68	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	64931	40.63	ng	100
43) 2,4,5-Trichlorophenol	11.22	196	68894	40.32	ng	100
45) 1,1'-Biphenyl	11.43	154	310602	39.65	ng	100
46) 2-Chloronaphthalene	11.44	162	236117	40.23	ng	100
47) 2-Nitroaniline	11.64	65	74472	40.00	ng	100
48) Acenaphthylene	12.09	152	379077	39.17	ng	100
49) Dimethylphthalate	11.98	163	256831	38.65	ng	100
50) 2,6-Dinitrotoluene	12.07	165	54883	41.27	ng	100
51) Acenaphthene	12.38	154	217951	38.85	ng	100
52) 3-Nitroaniline	12.33	138	62623	39.95	ng	100
53) 2,4-Dinitrophenol	12.54	184	18392	39.30	ng	100
54) Dibenzofuran	12.66	168	301622	39.51	ng	100
55) 4-Nitrophenol	12.71	139	30514m	35.52	ng	
56) 2,4-Dinitrotoluene	12.72	165	70148	39.25	ng	100
57) Fluorene	13.21	166	253231	38.99	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	48462	40.17	ng	100
59) Diethylphthalate	13.12	149	255317	37.92	ng	100
60) 4-Chlorophenyl-phenylether	13.25	204	116943	40.07	ng	100
61) 4-Nitroaniline	13.33	138	54783	39.88	ng	100
62) Azobenzene	13.50	77	268431	38.87	ng	100
64) 4,6-Dinitro-2-methylphenol	13.38	198	35505	37.94	ng	100
65) n-Nitrosodiphenylamine	13.45	169	213860	39.02	ng	100
66) 4-Bromophenyl-phenylether	14.02	248	63152	40.19	ng	100
67) Hexachlorobenzene	14.09	284	63849	37.57	ng	100
68) Atrazine	14.37	200	56539	39.87	ng	100
69) Pentachlorophenol	14.45	266	27892	44.02	ng	100
70) Phenanthrene	14.75	178	332156	38.66	ng	100
71) Anthracene	14.83	178	353779	37.66	ng	100
72) Carbazole	15.12	167	296964	39.08	ng	100
73) Di-n-butylphthalate	15.71	149	367625	37.83	ng	100
74) Fluoranthene	16.51	202	329764	37.92	ng	100
76) Benzidine	16.75	184	103804	42.50	ng	100
77) Pyrene	16.81	202	316157	39.71	ng	100
79) Butylbenzylphthalate	17.74	149	120970	40.49	ng	100
80) Benzo(a)anthracene	18.40	228	206146	39.50	ng	100
81) 3,3'-Dichlorobenzidine	18.39	252	67575	41.32	ng	100
82) Chrysene	18.43	228	203635	37.84	ng	100
83) Bis(2-ethylhexyl)phthalate	18.49	149	164860	40.94	ng	100
84) Di-n-octyl phthalate	19.26	149	240014	39.32	ng	100
85) Indeno(1,2,3-cd)pyrene	21.26	276	194185	41.72	ng	100
87) Benzo(b)fluoranthene	19.66	252	177122	38.87	ng	100
88) Benzo(k)fluoranthene	19.69	252	165724m	36.92	ng	
89) Benzo(a)pyrene	20.01	252	162572	38.47	ng	100
90) Dibenzo(a,h)anthracene	21.27	278	167666	41.92	ng	100
91) Benzo(g,h,i)perylene	21.59	276	174642	41.67	ng	100

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

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