Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089728.D
Acq On : 16 Aug 2016 16:49
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 16 18:53:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 18:33:37 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	613253	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2589090	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1197305	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2291491	20.00	ng		0.00
75) Chrysene-d12	13.91	240	1936669	20.00	ng		0.01
86) Perylene-d12	15.45	264	1721531	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1863071	24.31	ng		-0.01
7) Phenol-d6	6.33	99	2536128	26.54	ng		0.00
23) Nitrobenzene-d5	7.27	82	2389353	27.97	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	722203	30.38	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	4295433	31.28	ng		0.00
78) Terphenyl-d14	12.81	244	3471459	25.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	471501	23.68	ng		97
3) Pyridine	2.84	79	1216730	24.53	ng		98
4) n-Nitrosodimethylamine	2.80	42	510258	24.55	ng		90
6) Aniline	6.35	93	1617392	24.50	ng		94
8) 2-Chlorophenol	6.48	128	1228238	29.05	ng		89
9) Benzaldehyde	6.24	77	860525	26.65	ng		92
10) Phenol	6.34	94	1629901	28.40	ng		86
11) bis(2-Chloroethyl)ether	6.43	93	1004465	23.93	ng		92
12) 1,3-Dichlorobenzene	6.64	146	1265428	27.65	ng		96
13) 1,4-Dichlorobenzene	6.72	146	1322239	28.72	ng		97
14) 1,2-Dichlorobenzene	6.87	146	1107348m	25.17	ng		
15) Benzyl Alcohol	6.84	79	967392	28.18	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1538203	28.69	ng		95
17) 2-Methylphenol	6.96	107	918304	26.06	ng		97
18) Hexachloroethane	7.22	117	462495	26.84	ng		91
19) n-Nitroso-di-n-propylamine	7.12	70	788512	25.36	ng		97
20) 3+4-Methylphenols	7.12	107	1279582	29.53	ng	#	76
22) Acetophenone	7.12	105	1630621	26.41	ng	#	88
24) Nitrobenzene	7.28	77	1149413	25.06	ng		92
25) Isophorone	7.53	82	2296132	26.87	ng		95
26) 2-Nitrophenol	7.60	139	528025	24.84	ng	#	68
27) 2,4-Dimethylphenol	7.64	122	1036799	24.51	ng		94
28) bis(2-Chloroethoxy)methane	7.75	93	1419879	26.14	ng		97
29) 2,4-Dichlorophenol	7.84	162	872096	24.26	ng		91
30) 1,2,4-Trichlorobenzene	7.93	180	1013707	26.78	ng		98
31) Naphthalene	8.01	128	3380662	29.02	ng		98
32) Benzoic acid	7.76	122	807441	29.79	ng		97
33) 4-Chloroaniline	8.06	127	1291250	23.17	ng	#	88
34) Hexachlorobutadiene	8.14	225	541397	28.05	ng		99
35) Caprolactam	8.42	113	259722	23.40	ng	#	79
36) 4-Chloro-3-methylphenol	8.54	107	955659	25.51	ng		84
37) 2-Methylnaphthalene	8.70	142	2013756	25.03	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1084395	32.39	ng		98
40) Hexachlorocyclopentadiene	8.86	237	452425	24.47	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
42) 2,4,6-Trichlorophenol	8.98	196	688473	28.67	ng		98	
43) 2,4,5-Trichlorophenol	9.02	196	690473	30.19	ng		95	
45) 1,1'-Biphenyl	9.16	154	2479045	24.99	ng		99	
46) 2-Chloronaphthalene	9.19	162	2156819	29.99	ng		96	
47) 2-Nitroaniline	9.28	65	623524	26.81	ng		96	
48) Acenaphthylene	9.60	152	3227756	28.51	ng		98	umangi
49) Dimethylphthalate	9.47	163	2409870	28.72	ng		99	
50) 2,6-Dinitrotoluene	9.53	165	578261	31.11	ng	#	83	
51) Acenaphthene	9.77	154	2000409	26.99	ng		100	
52) 3-Nitroaniline	9.69	138	651847	27.04	ng		98	
53) 2,4-Dinitrophenol	9.79	184	234868	35.56	ng	#	85	8/17/2016 5:58:10 AM
54) Dibenzofuran	9.94	168	2551894	24.28	ng		98	
55) 4-Nitrophenol	9.84	139	488085	26.48	ng	#	70	
56) 2,4-Dinitrotoluene	9.92	165	641422	26.72	ng	#	44	
57) Fluorene	10.28	166	2256074	29.93	ng		98	
58) 2,3,4,6-Tetrachlorophenol	10.06	232	474400	24.01	ng		94	
59) Diethylphthalate	10.17	149	2404522	28.04	ng		98	
60) 4-Chlorophenyl-phenylether	10.28	204	990985	29.79	ng		99	
61) 4-Nitroaniline	10.30	138	570831	26.82	ng		92	
62) Azobenzene	10.44	77	2437863	26.23	ng		93	
64) 4,6-Dinitro-2-methylphenol	10.33	198	349540	28.44	ng	#	78	
65) n-Nitrosodiphenylamine	10.40	169	1911082	25.82	ng		99	
66) 4-Bromophenyl-phenylether	10.78	248	608448	25.93	ng		98	
67) Hexachlorobenzene	10.83	284	731093	27.76	ng		96	
68) Atrazine	10.94	200	578152	26.57	ng		93	
69) Pentachlorophenol	11.02	266	421274	26.53	ng		98	
70) Phenanthrene	11.24	178	3192311	28.08	ng		100	
71) Anthracene	11.29	178	3375338	28.38	ng		97	
72) Carbazole	11.44	167	2938112	25.92	ng		100	
73) Di-n-butylphthalate	11.79	149	3420588	26.17	ng		98	
74) Fluoranthene	12.42	202	3279809	27.31	ng		96	
76) Benzidine	12.55	184	1781760	26.86	ng		98	
77) Pyrene	12.65	202	3425058	27.59	ng		96	
79) Butylbenzylphthalate	13.31	149	1604531	28.28	ng		92	
80) Benzo(a)anthracene	13.90	228	2907471	26.15	ng		99	
81) 3,3'-Dichlorobenzidine	13.87	252	1148979	28.16	ng	#	94	
82) Chrysene	13.94	228	2683535	26.87	ng		98	
83) Bis(2-ethylhexyl)phthalate	13.93	149	2195351	27.53	ng	#	99	
84) Di-n-octyl phthalate	14.64	149	3582599	29.85	ng		97	
85) Indeno(1,2,3-cd)pyrene	16.75	276	2286938	26.75	ng		98	
87) Benzo(b)fluoranthene	15.05	252	2526235	23.71	ng	#	96	
88) Benzo(k)fluoranthene	15.09	252	2642006m	31.01	ng			
89) Benzo(a)pyrene	15.39	252	2408370	26.95	ng	#	96	
90) Dibenzo(a,h)anthracene	16.79	278	1894119	26.99	ng		97	
91) Benzo(g,h,i)perylene	17.15	276	1893277	26.62	ng	#	93	

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

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