Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087122.D
Acq On : 18 May 2016 00:52
Operator : UM/SJ
Sample : PB90662BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 18 03:34:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB90662BS

Manual Integrations APPROVED
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5/18/2016 6:59:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	141327	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	585457	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	287373	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	523098	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	383489	20.00	ng		-0.02
86) Perylene-d12	15.09	264	345327	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	948849	112.85	ng		-0.01
7) Phenol-d6	6.26	99	1228819	108.97	ng		-0.02
23) Nitrobenzene-d5	7.16	82	895365	76.22	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	331205	104.30	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	1430120	82.42	ng		-0.02
78) Terphenyl-d14	12.70	244	1485171	87.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	128392	29.68	ng	#	63
3) Pyridine	2.72	79	369155	35.28	ng	#	65
4) n-Nitrosodimethylamine	2.68	42	282329	38.08	ng	#	49
6) Aniline	6.26	93	295930	20.66	ng	#	68
8) 2-Chlorophenol	6.39	128	381203	37.26	ng		98
9) Benzaldehyde	6.15	77	24211	2.92	ng		96
10) Phenol	6.27	94	434700	30.66	ng	#	61
11) bis(2-Chloroethyl)ether	6.34	93	421776	39.63	ng		90
12) 1,3-Dichlorobenzene	6.52	146	384920m	35.40	ng		
13) 1,4-Dichlorobenzene	6.60	146	390968m	35.14	ng		
14) 1,2-Dichlorobenzene	6.76	146	364951	37.47	ng		98
15) Benzyl Alcohol	6.76	79	342297	40.77	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	798325	36.48	ng		72
17) 2-Methylphenol	6.89	107	304368	36.23	ng	#	79
18) Hexachloroethane	7.10	117	152155	35.77	ng		98
19) n-Nitroso-di-n-propylamine	7.03	70	332227	38.76	ng	#	72
20) 3+4-Methylphenols	7.04	107	441000	39.79	ng	#	62
22) Acetophenone	7.02	105	561377	39.18	ng	#	99
24) Nitrobenzene	7.19	77	460691	35.92	ng		98
25) Isophorone	7.43	82	801334	37.26	ng		98
26) 2-Nitrophenol	7.51	139	212271	39.95	ng	#	84
27) 2,4-Dimethylphenol	7.56	122	367546	40.54	ng		89
28) bis(2-Chloroethoxy)methane	7.64	93	454272	38.48	ng	#	98
29) 2,4-Dichlorophenol	7.76	162	329029	41.18	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	346065	39.03	ng		97
31) Naphthalene	7.91	128	1096426	38.33	ng		99
32) Benzoic acid	7.72	122	191579	35.45	ng	#	81
33) 4-Chloroaniline	7.98	127	136206	11.46	ng		96
34) Hexachlorobutadiene	8.02	225	198967	39.54	ng		98
35) Caprolactam	8.35	113	110737m	41.62	ng		
36) 4-Chloro-3-methylphenol	8.48	107	382973	39.74	ng		92
37) 2-Methylnaphthalene	8.59	142	710107	38.81	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	322454	38.42	ng		97
40) Hexachlorocyclopentadiene	8.74	237	248883	77.10	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	211997	38.95	ng		94
43) 2,4,5-Trichlorophenol	8.94	196	223776	39.57	ng	#	83
45) 1,1'-Biphenyl	9.06	154	926621	38.89	ng		97
46) 2-Chloronaphthalene	9.08	162	709430	38.78	ng		96
47) 2-Nitroaniline	9.20	65	290362	41.42	ng		94
48) Acenaphthylene	9.50	152	1088271	38.96	ng		99
49) Dimethylphthalate	9.37	163	834947	38.09	ng		99
50) 2,6-Dinitrotoluene	9.44	165	194426	40.85	ng		95
51) Acenaphthene	9.67	154	700067	40.12	ng		98
52) 3-Nitroaniline	9.61	138	95943	18.62	ng		96
53) 2,4-Dinitrophenol	9.72	184	206437	75.94	ng		89
54) Dibenzofuran	9.84	168	944633	41.86	ng		95
55) 4-Nitrophenol	9.80	139	187433m	59.75	ng		
56) 2,4-Dinitrotoluene	9.84	165	229262	37.61	ng	#	38
57) Fluorene	10.18	166	783895	43.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	190386	43.23	ng		98
59) Diethylphthalate	10.07	149	774537	37.01	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	318808	37.10	ng		95
61) 4-Nitroaniline	10.23	138	182993	35.97	ng	#	70
62) Azobenzene	10.33	77	930359	38.58	ng		85
64) 4,6-Dinitro-2-methylphenol	10.25	198	134193	38.95	ng	#	34
65) n-Nitrosodiphenylamine	10.30	169	651305	39.57	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	224814	41.79	ng		91
67) Hexachlorobenzene	10.72	284	240311	38.53	ng	#	63
68) Atrazine	10.83	200	193192	35.98	ng		95
69) Pentachlorophenol	10.93	266	211586	90.31	ng		97
70) Phenanthrene	11.13	178	1054985	37.19	ng		99
71) Anthracene	11.19	178	1211311	42.21	ng		100
72) Carbazole	11.35	167	984768	37.57	ng		98
73) Di-n-butylphthalate	11.68	149	1217298	40.43	ng	#	98
74) Fluoranthene	12.32	202	1190967	41.90	ng		90
76) Benzidine	12.45	184	235794	18.81	ng		96
77) Pyrene	12.54	202	1081343	39.03	ng		100
79) Butylbenzylphthalate	13.17	149	520330	44.49	ng	#	62
80) Benzo(a)anthracene	13.73	228	912921	41.17	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	201647	14.29	ng	#	95
82) Chrysene	13.76	228	823307	38.38	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	657719	46.21	ng	#	100
84) Di-n-octyl phthalate	14.34	149	1192785	48.65	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.33	276	769693	40.87	ng		95
87) Benzo(b)fluoranthene	14.73	252	995044m	43.43	ng		
88) Benzo(k)fluoranthene	14.75	252	704034m	41.28	ng		
89) Benzo(a)pyrene	15.04	252	761331	39.76	ng		98
90) Dibenzo(a,h)anthracene	16.34	278	634756	39.37	ng		96
91) Benzo(g,h,i)perylene	16.70	276	637527	39.15	ng		95

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

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