Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087237.D
Acq On : 20 May 2016 21:25
Operator : UM/SJ
Sample : PB90666BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90666BS

Quant Time: May 21 00:39:18 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	125275	20.00	ng		-0.05
21) Naphthalene-d8	7.84	136	532746	20.00	ng		-0.06
38) Acenaphthene-d10	9.59	164	263102	20.00	ng		-0.06
63) Phenanthrene-d10	11.07	188	517904	20.00	ng		-0.05
75) Chrysene-d12	13.70	240	355289	20.00	ng		-0.06
86) Perylene-d12	15.04	264	295879	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	643415	86.33	ng		-0.04
7) Phenol-d6	6.23	99	791493	79.18	ng		-0.06
23) Nitrobenzene-d5	7.13	82	843912	78.95	ng		-0.06
41) 2,4,6-Tribromophenol	10.39	330	222056	76.38	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	1316640	82.88	ng		-0.06
78) Terphenyl-d14	12.65	244	1324405	84.32	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	117130	30.55	ng	#	67
3) Pyridine	2.66	79	342859	36.97	ng	#	61
4) n-Nitrosodimethylamine	2.64	42	257170	39.13	ng	#	51
6) Aniline	6.23	93	240154	18.91	ng	#	66
8) 2-Chlorophenol	6.34	128	365062	40.26	ng		83
10) Phenol	6.24	94	502790	40.01	ng		73
11) bis(2-Chloroethyl)ether	6.31	93	370026	39.22	ng		96
12) 1,3-Dichlorobenzene	6.49	146	364260m	37.79	ng		
13) 1,4-Dichlorobenzene	6.57	146	375839m	38.11	ng		
14) 1,2-Dichlorobenzene	6.73	146	326323	37.79	ng		97
15) Benzyl Alcohol	6.73	79	330408	44.40	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	713879	36.80	ng		57
17) 2-Methylphenol	6.86	107	293799	39.45	ng	#	81
18) Hexachloroethane	7.06	117	145759	38.66	ng		94
19) n-Nitroso-di-n-propylamine	6.99	70	308107	40.55	ng	#	72
20) 3+4-Methylphenols	7.02	107	415206	42.27	ng	#	59
22) Acetophenone	6.98	105	511262	39.21	ng	#	99
24) Nitrobenzene	7.15	77	420076	35.99	ng		97
25) Isophorone	7.39	82	758693	38.77	ng		98
26) 2-Nitrophenol	7.47	139	198497	41.05	ng	#	81
27) 2,4-Dimethylphenol	7.53	122	334683	40.56	ng		87
28) bis(2-Chloroethoxy)methane	7.61	93	432691	40.28	ng	#	98
29) 2,4-Dichlorophenol	7.72	162	326105	44.85	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	321270	39.82	ng		98
31) Naphthalene	7.86	128	1003154	38.54	ng		99
32) Benzoic acid	7.70	122	178159	36.23	ng	#	80
33) 4-Chloroaniline	7.94	127	138549	12.81	ng		97
34) Hexachlorobutadiene	7.99	225	190326	41.57	ng		99
35) Caprolactam	8.32	113	102024m	42.14	ng		
36) 4-Chloro-3-methylphenol	8.44	107	368067	41.97	ng		90
37) 2-Methylnaphthalene	8.56	142	707438	42.49	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	296380	38.57	ng		99
40) Hexachlorocyclopentadiene	8.71	237	221692	75.23	ng		95
42) 2,4,6-Trichlorophenol	8.86	196	196985	39.53	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	217259	41.97	ng	#	88
45) 1,1'-Biphenyl	9.03	154	904618	41.47	ng		99
46) 2-Chloronaphthalene	9.04	162	655525	39.14	ng	#	92
47) 2-Nitroaniline	9.16	65	253309	39.47	ng		93
48) Acenaphthylene	9.45	152	976251	38.17	ng		98
49) Dimethylphthalate	9.34	163	799887	39.85	ng		99
50) 2,6-Dinitrotoluene	9.40	165	193347	44.37	ng		98
51) Acenaphthene	9.62	154	600760	37.60	ng		98
52) 3-Nitroaniline	9.58	138	95351	20.21	ng		94
53) 2,4-Dinitrophenol	9.69	184	173187	69.99	ng	#	85
54) Dibenzofuran	9.79	168	885146	42.84	ng	#	87
55) 4-Nitrophenol	9.77	139	168241m	59.03	ng		
56) 2,4-Dinitrotoluene	9.82	165	232264	41.61	ng	#	65
57) Fluorene	10.14	166	652345	39.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	194250	48.18	ng		96
59) Diethylphthalate	10.03	149	821433	42.87	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	352410	44.79	ng		91
61) 4-Nitroaniline	10.19	138	182339	39.14	ng	#	72
62) Azobenzene	10.30	77	1023700	46.37	ng		88
64) 4,6-Dinitro-2-methylphenol	10.22	198	127491	37.38	ng	#	19
65) n-Nitrosodiphenylamine	10.26	169	667514	40.96	ng		98
66) 4-Bromophenyl-phenylether	10.62	248	206137	38.71	ng		90
67) Hexachlorobenzene	10.68	284	228176	36.95	ng	#	80
68) Atrazine	10.80	200	211746	39.83	ng		95
69) Pentachlorophenol	10.89	266	171271	73.84	ng		97
70) Phenanthrene	11.10	178	1139975	40.58	ng		100
71) Anthracene	11.14	178	1038499	36.55	ng		100
72) Carbazole	11.31	167	1062977	40.96	ng		99
73) Di-n-butylphthalate	11.65	149	1322639	44.37	ng	#	99
74) Fluoranthene	12.27	202	1098962	39.05	ng		96
76) Benzidine	12.41	184	218722	18.83	ng		96
77) Pyrene	12.50	202	1166772	45.46	ng		100
79) Butylbenzylphthalate	13.13	149	549158	50.68	ng		91
80) Benzo(a)anthracene	13.69	228	863033	42.01	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	179677	13.75	ng	#	96
82) Chrysene	13.73	228	915975	46.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	690100	52.33	ng		98
84) Di-n-octyl phthalate	14.30	149	1152330	50.73	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	658523	37.75	ng		96
87) Benzo(b)fluoranthene	14.69	252	748770m	38.15	ng		
88) Benzo(k)fluoranthene	14.71	252	681350m	46.63	ng		
89) Benzo(a)pyrene	14.99	252	677448	41.29	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	555673	40.23	ng		97
91) Benzo(g,h,i)perylene	16.63	276	549424	39.38	ng		95

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

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