Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087235.D
Acq On : 20 May 2016 20:26
Operator : UM/SJ
Sample : PB90764BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90764BSD

Quant Time: May 21 00:35:28 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	128932	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	548871	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	265574	20.00	ng		-0.06
63) Phenanthrene-d10	11.07	188	504351	20.00	ng		-0.05
75) Chrysene-d12	13.70	240	333725	20.00	ng		-0.06
86) Perylene-d12	15.04	264	280251	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	663896	86.55	ng		-0.05
7) Phenol-d6	6.23	99	803361	78.09	ng		-0.06
23) Nitrobenzene-d5	7.14	82	895111	81.28	ng		-0.05
41) 2,4,6-Tribromophenol	10.39	330	223943	76.31	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	1323202	82.52	ng		-0.06
78) Terphenyl-d14	12.65	244	1331677	90.27	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	121361	30.76	ng	#	63
3) Pyridine	2.66	79	318555	33.37	ng	#	68
4) n-Nitrosodimethylamine	2.63	42	263497	38.96	ng	#	47
6) Aniline	6.23	93	247188	18.92	ng	#	70
8) 2-Chlorophenol	6.34	128	390346	41.82	ng	#	81
9) Benzaldehyde	6.11	77	86328	12.81	ng		96
10) Phenol	6.24	94	512762	39.65	ng	#	69
11) bis(2-Chloroethyl)ether	6.31	93	394357	40.61	ng		95
12) 1,3-Dichlorobenzene	6.49	146	391691m	39.48	ng		
13) 1,4-Dichlorobenzene	6.57	146	398541m	39.26	ng		
14) 1,2-Dichlorobenzene	6.73	146	357675	40.25	ng		97
15) Benzyl Alcohol	6.73	79	364109	47.54	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	766938	38.42	ng		59
17) 2-Methylphenol	6.86	107	322023	42.01	ng	#	79
18) Hexachloroethane	7.06	117	158805	40.92	ng		95
19) n-Nitroso-di-n-propylamine	6.99	70	324194	41.45	ng	#	70
20) 3+4-Methylphenols	7.02	107	443531	43.87	ng	#	59
22) Acetophenone	6.98	105	555642	41.37	ng	#	98
24) Nitrobenzene	7.15	77	449673	37.40	ng		96
25) Isophorone	7.39	82	830812	41.21	ng		98
26) 2-Nitrophenol	7.47	139	213135	42.79	ng	#	79
27) 2,4-Dimethylphenol	7.53	122	361066	42.47	ng	#	85
28) bis(2-Chloroethoxy)methane	7.61	93	486443	43.95	ng	#	98
29) 2,4-Dichlorophenol	7.72	162	349428	46.65	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	357191	42.97	ng		98
31) Naphthalene	7.86	128	1099820	41.01	ng		99
32) Benzoic acid	7.70	122	191421	37.78	ng	#	80
33) 4-Chloroaniline	7.94	127	113119	10.15	ng		96
34) Hexachlorobutadiene	7.99	225	207349	43.96	ng		98
35) Caprolactam	8.32	113	107893m	43.25	ng		
36) 4-Chloro-3-methylphenol	8.44	107	370816	41.04	ng		89
37) 2-Methylnaphthalene	8.56	142	746278	43.50	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	329059	42.42	ng		99
40) Hexachlorocyclopentadiene	8.71	237	253627	84.22	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	214325	42.61	ng		91
43) 2,4,5-Trichlorophenol	8.90	196	224169	42.90	ng	#	89
45) 1,1'-Biphenyl	9.03	154	988950	44.91	ng		99
46) 2-Chloronaphthalene	9.05	162	740897	43.83	ng		98
47) 2-Nitroaniline	9.16	65	279430	43.13	ng		99
48) Acenaphthylene	9.45	152	1052088	40.76	ng		98
49) Dimethylphthalate	9.34	163	847608	41.84	ng		99
50) 2,6-Dinitrotoluene	9.40	165	197497	44.90	ng		90
51) Acenaphthene	9.62	154	631407	39.15	ng		98
52) 3-Nitroaniline	9.58	138	77204	16.21	ng	#	92
53) 2,4-Dinitrophenol	9.69	184	184558	73.62	ng	#	80
54) Dibenzofuran	9.80	168	979418	46.96	ng		98
55) 4-Nitrophenol	9.77	139	166461m	58.31	ng		
56) 2,4-Dinitrotoluene	9.82	165	249353	44.26	ng	#	67
57) Fluorene	10.14	166	693510	41.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	203912	50.10	ng		97
59) Diethylphthalate	10.03	149	840932	43.48	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	367520	46.27	ng		92
61) 4-Nitroaniline	10.19	138	184060	39.15	ng	#	71
62) Azobenzene	10.30	77	1079678	48.45	ng		87
64) 4,6-Dinitro-2-methylphenol	10.23	198	134274	40.42	ng		89
65) n-Nitrosodiphenylamine	10.26	169	687979	43.35	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	220541	42.52	ng		89
67) Hexachlorobenzene	10.68	284	240152	39.94	ng	#	80
68) Atrazine	10.80	200	237826	45.93	ng		94
69) Pentachlorophenol	10.89	266	184611	81.73	ng		97
70) Phenanthrene	11.10	178	1207936	44.16	ng		99
71) Anthracene	11.14	178	1110897	40.15	ng		100
72) Carbazole	11.31	167	1068646	42.28	ng		99
73) Di-n-butylphthalate	11.64	149	1364695	47.01	ng	#	99
74) Fluoranthene	12.27	202	1121396	40.92	ng		96
76) Benzidine	12.41	184	260488	24.67	ng		95
77) Pyrene	12.50	202	1207190	50.07	ng		100
79) Butylbenzylphthalate	13.13	149	575037	56.50	ng	#	88
80) Benzo(a)anthracene	13.68	228	865658	44.86	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	164363	13.39	ng	#	96
82) Chrysene	13.73	228	935497	50.11	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	710826	57.39	ng		99
84) Di-n-octyl phthalate	14.30	149	1176063	55.12	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.27	276	681670	41.60	ng		96
87) Benzo(b)fluoranthene	14.69	252	758749m	40.81	ng		
88) Benzo(k)fluoranthene	14.71	252	680277m	49.15	ng		
89) Benzo(a)pyrene	14.99	252	681021	43.82	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	577486	44.14	ng		97
91) Benzo(g,h,i)perylene	16.63	276	578310	43.76	ng		95

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

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