Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087239.D
Acq On : 20 May 2016 22:23
Operator : UM/SJ
Sample : PB90703BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90703BS

Quant Time: May 21 00:49:01 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	126775	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	523321	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	255377	20.00	ng		-0.06
63) Phenanthrene-d10	11.07	188	488317	20.00	ng		-0.05
75) Chrysene-d12	13.70	240	331928	20.00	ng		-0.06
86) Perylene-d12	15.04	264	280729	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	975292	129.31	ng		-0.05
7) Phenol-d6	6.23	99	1204996	119.12	ng		-0.06
23) Nitrobenzene-d5	7.14	82	869586	82.81	ng		-0.05
41) 2,4,6-Tribromophenol	10.39	330	338081	119.80	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	1318370	85.50	ng		-0.06
78) Terphenyl-d14	12.65	244	1362757	92.87	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	128196	33.04	ng	#	73
3) Pyridine	2.66	79	338435	36.06	ng	#	66
4) n-Nitrosodimethylamine	2.63	42	254146	38.21	ng	#	47
6) Aniline	6.23	93	155609	12.11	ng	#	33
8) 2-Chlorophenol	6.34	128	368840	40.19	ng	#	78
9) Benzaldehyde	6.11	77	72914	10.83	ng		98
10) Phenol	6.24	94	455700	35.84	ng	#	60
11) bis(2-Chloroethyl)ether	6.31	93	394147	41.28	ng		90
12) 1,3-Dichlorobenzene	6.49	146	375530m	38.50	ng		
13) 1,4-Dichlorobenzene	6.57	146	385893m	38.66	ng		
14) 1,2-Dichlorobenzene	6.73	146	342648	39.21	ng		96
15) Benzyl Alcohol	6.73	79	341621	45.36	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	743995	37.90	ng		59
17) 2-Methylphenol	6.86	107	315313	41.84	ng	#	79
18) Hexachloroethane	7.06	117	153317	40.18	ng		93
19) n-Nitroso-di-n-propylamine	6.99	70	310458	40.37	ng	#	69
20) 3+4-Methylphenols	7.02	107	441275	44.39	ng	#	60
22) Acetophenone	6.98	105	543847	42.47	ng	#	98
24) Nitrobenzene	7.15	77	442408	38.59	ng		96
25) Isophorone	7.39	82	808439	42.06	ng		97
26) 2-Nitrophenol	7.47	139	209489	44.11	ng	#	79
27) 2,4-Dimethylphenol	7.53	122	343270	42.35	ng	#	85
28) bis(2-Chloroethoxy)methane	7.61	93	463997	43.97	ng	#	98
29) 2,4-Dichlorophenol	7.72	162	342736	47.99	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	345746	43.63	ng		97
31) Naphthalene	7.86	128	1074890	42.04	ng		99
32) Benzoic acid	7.70	122	192010	39.74	ng	#	80
33) 4-Chloroaniline	7.94	127	66638	6.27	ng	#	91
34) Hexachlorobutadiene	7.99	225	200423	44.56	ng		98
35) Caprolactam	8.32	113	103626m	43.57	ng		
36) 4-Chloro-3-methylphenol	8.44	107	361403	41.95	ng		87
37) 2-Methylnaphthalene	8.56	142	744274	45.51	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	322252	43.20	ng		98
40) Hexachlorocyclopentadiene	8.71	237	248843	85.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	201050	41.56	ng		92
43) 2,4,5-Trichlorophenol	8.90	196	218680	43.52	ng	#	91
45) 1,1'-Biphenyl	9.03	154	970354	45.83	ng		99
46) 2-Chloronaphthalene	9.05	162	707012	43.49	ng		98
47) 2-Nitroaniline	9.16	65	262586	42.15	ng		95
48) Acenaphthylene	9.45	152	1022642	41.20	ng		99
49) Dimethylphthalate	9.34	163	845519	43.40	ng		100
50) 2,6-Dinitrotoluene	9.40	165	198082	46.83	ng		92
51) Acenaphthene	9.62	154	619412	39.94	ng		98
52) 3-Nitroaniline	9.58	138	45600	9.96	ng	#	86
53) 2,4-Dinitrophenol	9.69	184	178362	73.97	ng	#	77
54) Dibenzofuran	9.79	168	948906	47.32	ng	#	86
55) 4-Nitrophenol	9.77	139	161457m	58.62	ng		
56) 2,4-Dinitrotoluene	9.82	165	251572	46.44	ng	#	69
57) Fluorene	10.14	166	699148	43.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	204180	52.17	ng		96
59) Diethylphthalate	10.03	149	822885	44.25	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	368134	48.20	ng		92
61) 4-Nitroaniline	10.19	138	173811	38.44	ng	#	70
62) Azobenzene	10.30	77	1064615	49.68	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	131657	40.94	ng		89
65) n-Nitrosodiphenylamine	10.26	169	662661	43.12	ng		98
66) 4-Bromophenyl-phenylether	10.62	248	210966	42.01	ng	#	88
67) Hexachlorobenzene	10.68	284	240643	41.33	ng	#	80
68) Atrazine	10.80	200	242298	48.33	ng		93
69) Pentachlorophenol	10.89	266	176588	80.74	ng		98
70) Phenanthrene	11.10	178	1181881	44.63	ng		100
71) Anthracene	11.14	178	1091974	40.76	ng		100
72) Carbazole	11.31	167	1092730	44.66	ng		99
73) Di-n-butylphthalate	11.64	149	1361389	48.44	ng	#	99
74) Fluoranthene	12.27	202	1090137	41.08	ng		96
76) Benzidine	12.41	184	269441	25.86	ng		96
77) Pyrene	12.50	202	1217025	50.75	ng		100
79) Butylbenzylphthalate	13.13	149	562853	55.60	ng	#	87
80) Benzo(a)anthracene	13.68	228	866438	45.15	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	121119	9.92	ng	#	95
82) Chrysene	13.73	228	942878	50.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	718664	58.33	ng		98
84) Di-n-octyl phthalate	14.30	149	1170085	55.13	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	683229	41.92	ng		96
87) Benzo(b)fluoranthene	14.69	252	729274m	39.16	ng		
88) Benzo(k)fluoranthene	14.71	252	691336m	49.86	ng		
89) Benzo(a)pyrene	14.99	252	686011	44.07	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	578512	44.14	ng		96
91) Benzo(g,h,i)perylene	16.63	276	579683	43.79	ng		96

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

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