Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092487.D
Acq On : 25 Jan 2017 20:08
Operator : SJ/MA
Sample : PB96313BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96313BS

Quant Time: Jan 26 14:53:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160283	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	639340	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	353760	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	591562	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	515019	20.00	ng		-0.01
86) Perylene-d12	15.63	264	414297	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	627856	60.95	ng		0.01
7) Phenol-d6	6.59	99	918962	70.03	ng		0.00
23) Nitrobenzene-d5	7.54	82	994606	84.98	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	187900	77.94	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1464226	76.54	ng		-0.01
78) Terphenyl-d14	13.11	244	1520225	78.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	181037	33.04	ng	#	83
3) Pyridine	3.45	79	490836	31.47	ng	#	84
4) n-Nitrosodimethylamine	3.40	42	273424	35.73	ng		82
6) Aniline	6.62	93	284826	14.55	ng	#	45
8) 2-Chlorophenol	6.75	128	440725	40.73	ng		95
9) Benzaldehyde	6.51	77	240863	25.86	ng		96
10) Phenol	6.60	94	632052	39.91	ng	#	68
11) bis(2-Chloroethyl)ether	6.70	93	433402	36.57	ng		92
12) 1,3-Dichlorobenzene	6.91	146	491292	38.39	ng		99
13) 1,4-Dichlorobenzene	6.99	146	483027m	37.50	ng		
14) 1,2-Dichlorobenzene	7.14	146	455622	37.29	ng		97
15) Benzyl Alcohol	7.10	79	382115	38.64	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	859708	36.67	ng		93
17) 2-Methylphenol	7.22	107	380814	41.19	ng		96
18) Hexachloroethane	7.48	117	161382	36.37	ng		89
19) n-Nitroso-di-n-propylamine	7.39	70	332409	37.20	ng	#	95
20) 3+4-Methylphenols	7.37	107	448728	40.00	ng		94
22) Acetophenone	7.38	105	592286	38.90	ng	#	94
24) Nitrobenzene	7.55	77	448766	36.60	ng		100
25) Isophorone	7.79	82	883181	38.29	ng		94
26) 2-Nitrophenol	7.87	139	220231	42.86	ng		95
27) 2,4-Dimethylphenol	7.90	122	408972	38.27	ng		97
28) bis(2-Chloroethoxy)methane	8.01	93	560078	36.99	ng		99
29) 2,4-Dichlorophenol	8.11	162	364011	39.29	ng		89
30) 1,2,4-Trichlorobenzene	8.20	180	391977	39.14	ng		96
31) Naphthalene	8.28	128	1206550	36.87	ng		99
32) Benzoic acid	8.02	122	277130	36.00	ng		98
33) 4-Chloroaniline	8.33	127	122902	8.88	ng		99
34) Hexachlorobutadiene	8.41	225	205857	37.59	ng		100
35) Caprolactam	8.70	113	135842m	43.91	ng		
36) 4-Chloro-3-methylphenol	8.81	107	400345	40.07	ng		96
37) 2-Methylnaphthalene	8.98	142	826707	39.91	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	386877	43.35	ng		100
40) Hexachlorocyclopentadiene	9.14	237	379512	84.92	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	281310	41.15	ng		91
43) 2,4,5-Trichlorophenol	9.30	196	269062	43.01	ng	#	85
45) 1,1'-Biphenyl	9.45	154	1044745	40.85	ng		98
46) 2-Chloronaphthalene	9.47	162	782135	37.45	ng		97
47) 2-Nitroaniline	9.56	65	261195	37.14	ng		95
48) Acenaphthylene	9.89	152	1301469	42.48	ng		98
49) Dimethylphthalate	9.74	163	904610	40.21	ng		98
50) 2,6-Dinitrotoluene	9.81	165	209439	45.55	ng	#	75
51) Acenaphthene	10.06	154	855073	44.92	ng		99
52) 3-Nitroaniline	9.97	138	87085	15.12	ng		87
53) 2,4-Dinitrophenol	10.08	184	163922	62.44	ng	#	58
54) Dibenzofuran	10.24	168	1169648	45.25	ng		93
55) 4-Nitrophenol	10.13	139	384941	84.17	ng		92
56) 2,4-Dinitrotoluene	10.21	165	314326	51.50	ng	#	83
57) Fluorene	10.58	166	859102	44.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	228575	48.77	ng		95
59) Diethylphthalate	10.45	149	972377	45.08	ng		97
60) 4-Chlorophenyl-phenylether	10.57	204	371615	39.98	ng		90
61) 4-Nitroaniline	10.59	138	206555	35.86	ng		94
62) Azobenzene	10.73	77	1040176	42.37	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	123472	39.69	ng	#	28
65) n-Nitrosodiphenylamine	10.68	169	737083	39.90	ng		100
66) 4-Bromophenyl-phenylether	11.06	248	246062	41.20	ng		92
67) Hexachlorobenzene	11.12	284	229827	38.07	ng	#	71
68) Atrazine	11.22	200	264459	41.82	ng		94
69) Pentachlorophenol	11.31	266	278368	72.11	ng		96
70) Phenanthrene	11.54	178	1307335	40.13	ng		99
71) Anthracene	11.58	178	1286625	40.41	ng		100
72) Carbazole	11.74	167	1274306	41.92	ng		98
73) Di-n-butylphthalate	12.08	149	1383830	39.81	ng		98
74) Fluoranthene	12.73	202	1310912	41.14	ng		97
76) Benzidine	12.84	184	315411	16.50	ng		98
77) Pyrene	12.96	202	1318754	35.34	ng		99
79) Butylbenzylphthalate	13.57	149	611603	40.46	ng		97
80) Benzo(a)anthracene	14.15	228	1068477	38.60	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	198379	18.88	ng	#	94
82) Chrysene	14.18	228	986583	33.38	ng		100
83) Bis(2-ethylhexyl)phthalate	14.13	149	767271	40.30	ng		100
84) Di-n-octyl phthalate	14.75	149	1497964	43.34	ng		97
85) Indeno(1,2,3-cd)pyrene	17.11	276	914791	41.83	ng	#	93
87) Benzo(b)fluoranthene	15.20	252	993176	37.34	ng		99
88) Benzo(k)fluoranthene	15.23	252	993507m	44.92	ng		
89) Benzo(a)pyrene	15.56	252	934706	41.54	ng	#	97
90) Dibenzo(a,h)anthracene	17.13	278	772842	42.48	ng		96
91) Benzo(g,h,i)perylene	17.55	276	770415	41.87	ng	#	90

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

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