Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092189.D
Acq On : 10 Jan 2017 18:32
Operator : UM/SJ
Sample : PB95858BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95858BS

Quant Time: Jan 11 00:13:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	169940	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	642407	20.00	ng		-0.01
38) Acenaphthene-d10	9.68	164	366221	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	607521	20.00	ng		0.00
75) Chrysene-d12	13.80	240	441812	20.00	ng		0.01
86) Perylene-d12	15.17	264	394040	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1221055	119.97	ng		0.01
7) Phenol-d6	6.31	99	1633835	131.49	ng		0.00
23) Nitrobenzene-d5	7.21	82	1180379	102.17	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	426242	140.64	ng		0.01
44) 2-Fluorobiphenyl	9.01	172	1716379	98.00	ng		0.00
78) Terphenyl-d14	12.75	244	1666101	91.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	163880	32.71	ng	#	94
3) Pyridine	2.79	79	601692	34.41	ng		98
4) n-Nitrosodimethylamine	2.74	42	260343	39.47	ng		96
6) Aniline	6.30	93	236785	14.67	ng	#	59
8) 2-Chlorophenol	6.42	128	489916	42.32	ng		94
9) Benzaldehyde	6.17	77	38059	3.89	ng		98
10) Phenol	6.32	94	634354	44.80	ng	#	75
11) bis(2-Chloroethyl)ether	6.38	93	510951	45.35	ng		95
12) 1,3-Dichlorobenzene	6.57	146	521407	42.19	ng	#	95
13) 1,4-Dichlorobenzene	6.65	146	531606	42.26	ng		95
14) 1,2-Dichlorobenzene	6.80	146	445671	40.83	ng		97
15) Benzyl Alcohol	6.79	79	395921	41.01	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	709774	42.30	ng	#	29
17) 2-Methylphenol	6.93	107	413590	44.42	ng	#	89
18) Hexachloroethane	7.14	117	196815	42.20	ng		98
19) n-Nitroso-di-n-propylamine	7.06	70	387497	46.87	ng		96
20) 3+4-Methylphenols	7.09	107	588817	53.02	ng	#	73
22) Acetophenone	7.05	105	741328	46.79	ng	#	92
24) Nitrobenzene	7.22	77	516744	42.00	ng		98
25) Isophorone	7.48	82	833137	39.09	ng		98
26) 2-Nitrophenol	7.54	139	266925	43.99	ng		97
27) 2,4-Dimethylphenol	7.60	122	394428	39.19	ng		99
28) bis(2-Chloroethoxy)methane	7.68	93	553843	42.85	ng		98
29) 2,4-Dichlorophenol	7.81	162	377690	44.32	ng		98
30) 1,2,4-Trichlorobenzene	7.86	180	387082	41.45	ng	#	95
31) Naphthalene	7.94	128	1265420	43.04	ng		99
32) Benzoic acid	7.77	122	254698	34.12	ng		99
33) 4-Chloroaniline	8.00	127	123273	9.30	ng		97
34) Hexachlorobutadiene	8.06	225	214322	43.48	ng		99
35) Caprolactam	8.39	113	131931m	47.11	ng		
36) 4-Chloro-3-methylphenol	8.52	107	416810	42.50	ng		96
37) 2-Methylnaphthalene	8.64	142	915625	56.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	392656	42.44	ng		99
40) Hexachlorocyclopentadiene	8.79	237	272273	66.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	265299	41.00	ng		100
43) 2,4,5-Trichlorophenol	8.98	196	265468	39.86	ng		97
45) 1,1'-Biphenyl	9.11	154	1125301	44.88	ng		97
46) 2-Chloronaphthalene	9.13	162	850978	42.85	ng		98
47) 2-Nitroaniline	9.24	65	299675	42.38	ng	#	83
48) Acenaphthylene	9.54	152	1328541	43.50	ng		98
49) Dimethylphthalate	9.42	163	1033814	44.14	ng		100
50) 2,6-Dinitrotoluene	9.48	165	202399	39.48	ng	#	66
51) Acenaphthene	9.72	154	851365	41.12	ng		99
52) 3-Nitroaniline	9.65	138	79434	12.52	ng	#	76
53) 2,4-Dinitrophenol	9.77	184	239374	83.91	ng	#	87
54) Dibenzofuran	9.89	168	1136914	40.66	ng		99
55) 4-Nitrophenol	9.85	139	331296	76.91	ng	#	85
56) 2,4-Dinitrotoluene	9.89	165	262862	40.85	ng	#	78
57) Fluorene	10.23	166	962474	47.31	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	220490	41.86	ng		97
59) Diethylphthalate	10.12	149	1030712	45.31	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	381220	42.80	ng		99
61) 4-Nitroaniline	10.26	138	244781	37.23	ng		95
62) Azobenzene	10.38	77	1078039	43.04	ng		99
64) 4,6-Dinitro-2-methylphenol	10.31	198	155124	42.23	ng		93
65) n-Nitrosodiphenylamine	10.34	169	777824	43.15	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	285500	45.18	ng	#	90
67) Hexachlorobenzene	10.78	284	270815	40.09	ng	#	89
68) Atrazine	10.88	200	264044	45.41	ng		97
69) Pentachlorophenol	10.98	266	246615	74.40	ng		99
70) Phenanthrene	11.19	178	1461929	44.38	ng		98
71) Anthracene	11.24	178	1279456	43.21	ng		99
72) Carbazole	11.40	167	1170232	41.82	ng		98
73) Di-n-butylphthalate	11.73	149	1511837	48.78	ng		99
74) Fluoranthene	12.37	202	1307068	45.25	ng		98
76) Benzidine	12.49	184	107741	6.26	ng		96
77) Pyrene	12.60	202	1303660	40.22	ng		99
79) Butylbenzylphthalate	13.23	149	687693	46.65	ng		91
80) Benzo(a)anthracene	13.79	228	1065860	42.74	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	230571	24.38	ng	#	95
82) Chrysene	13.83	228	1116469	44.63	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	777274	44.77	ng		99
84) Di-n-octyl phthalate	14.40	149	1516504	47.15	ng		99
85) Indeno(1,2,3-cd)pyrene	16.47	276	903951	41.71	ng		98
87) Benzo(b)fluoranthene	14.80	252	1244955m	50.75	ng		
88) Benzo(k)fluoranthene	14.83	252	718877m	34.36	ng		
89) Benzo(a)pyrene	15.12	252	924441	42.46	ng		99
90) Dibenzo(a,h)anthracene	16.48	278	750804	41.95	ng	#	93
91) Benzo(g,h,i)perylene	16.85	276	743372	39.95	ng		96

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

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