Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
Data File : BF087088.D
Acq On : 16 May 2016 18:26
Operator : UM/SJ
Sample : PB90651BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90651BS

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5/17/2016 7:15:45 PM

Quant Time: May 17 13:14:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:12:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	130817	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	509302	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	208878	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	312091	20.00	ng		0.00
75) Chrysene-d12	13.75	240	236357	20.00	ng		-0.01
86) Perylene-d12	15.11	264	203872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	782592	101.31	ng		0.01
7) Phenol-d6	6.28	99	1016357	98.45	ng		0.00
23) Nitrobenzene-d5	7.19	82	661996	65.27	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	167261	75.64	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	984543	79.22	ng		0.00
78) Terphenyl-d14	12.71	244	743163	66.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	101504	26.77	ng	#	66
3) Pyridine	2.76	79	290856	31.37	ng	#	54
4) n-Nitrosodimethylamine	2.72	42	214354	31.88	ng	#	48
6) Aniline	6.27	93	226221	18.12	ng	#	88
8) 2-Chlorophenol	6.40	128	284972	30.57	ng		90
9) Benzaldehyde	6.16	77	19926	3.33	ng		97
10) Phenol	6.30	94	381785	31.11	ng		91
11) bis(2-Chloroethyl)ether	6.35	93	273113	28.54	ng		90
12) 1,3-Dichlorobenzene	6.55	146	302474	29.99	ng		99
13) 1,4-Dichlorobenzene	6.63	146	305776	29.73	ng		98
14) 1,2-Dichlorobenzene	6.78	146	280209	31.25	ng		98
15) Benzyl Alcohol	6.78	79	241447	33.87	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	618375	29.73	ng		65
17) 2-Methylphenol	6.90	107	227796m	30.71	ng		
18) Hexachloroethane	7.12	117	85300	22.04	ng	#	77
19) n-Nitroso-di-n-propylamine	7.04	70	244856m	33.94	ng		
20) 3+4-Methylphenols	7.06	107	307213	31.71	ng	#	59
22) Acetophenone	7.03	105	397758	33.06	ng	#	98
24) Nitrobenzene	7.20	77	317372	30.42	ng		95
25) Isophorone	7.44	82	547253	29.08	ng		97
26) 2-Nitrophenol	7.52	139	113625	24.77	ng	#	76
27) 2,4-Dimethylphenol	7.58	122	240709	30.81	ng		88
28) bis(2-Chloroethoxy)methane	7.66	93	322325	31.75	ng	#	98
29) 2,4-Dichlorophenol	7.77	162	216442	31.48	ng		92
30) 1,2,4-Trichlorobenzene	7.84	180	232220	30.20	ng		96
31) Naphthalene	7.92	128	808783	31.71	ng		99
32) Benzoic acid	7.72	122	112312	24.48	ng		94
33) 4-Chloroaniline	7.99	127	145404	14.67	ng		97
34) Hexachlorobutadiene	8.03	225	130198	29.19	ng		99
35) Caprolactam	8.35	113	67672	28.92	ng	#	57
36) 4-Chloro-3-methylphenol	8.49	107	235587	28.25	ng		99
37) 2-Methylnaphthalene	8.60	142	472979m	31.71	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	208334	34.30	ng		99
40) Hexachlorocyclopentadiene	8.76	237	14644	5.08	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	132306	32.58	ng		94
43) 2,4,5-Trichlorophenol	8.95	196	129847	30.92	ng	#	81
45) 1,1'-Biphenyl	9.07	154	589049	35.45	ng		97
46) 2-Chloronaphthalene	9.10	162	440357	33.83	ng		95
47) 2-Nitroaniline	9.21	65	181370	38.13	ng		95
48) Acenaphthylene	9.51	152	658181	34.38	ng		98
49) Dimethylphthalate	9.38	163	516784	32.43	ng		99
50) 2,6-Dinitrotoluene	9.45	165	97459	29.06	ng		88
51) Acenaphthene	9.68	154	410101	34.43	ng		98
52) 3-Nitroaniline	9.62	138	118576	33.59	ng		99
53) 2,4-Dinitrophenol	9.75	184	5098	10.38	ng	#	82
54) Dibenzofuran	9.85	168	571041	37.35	ng		95
55) 4-Nitrophenol	9.82	139	89388m	40.37	ng		
56) 2,4-Dinitrotoluene	9.85	165	99674	24.02	ng	#	52
57) Fluorene	10.19	166	441447	33.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	98653	31.20	ng		98
59) Diethylphthalate	10.08	149	522865	33.67	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	195340	31.97	ng	#	75
61) 4-Nitroaniline	10.23	138	109576	32.31	ng	#	63
62) Azobenzene	10.34	77	530711	31.68	ng		82
64) 4,6-Dinitro-2-methylphenol	10.26	198	6216	3.21	ng	#	5
65) n-Nitrosodiphenylamine	10.31	169	365717	38.14	ng		100
66) 4-Bromophenyl-phenylether	10.67	248	120818	38.18	ng		94
67) Hexachlorobenzene	10.74	284	124527	33.67	ng		98
68) Atrazine	10.84	200	113118	35.32	ng		95
69) Pentachlorophenol	10.95	266	90794	53.13	ng		95
70) Phenanthrene	11.14	178	552847	33.19	ng		100
71) Anthracene	11.20	178	614097	36.05	ng		100
72) Carbazole	11.36	167	499485	34.11	ng		98
73) Di-n-butylphthalate	11.70	149	673350	37.66	ng		99
74) Fluoranthene	12.33	202	593339	34.64	ng		92
76) Benzidine	12.47	184	426877	70.84	ng		95
77) Pyrene	12.56	202	567438	31.36	ng		98
79) Butylbenzylphthalate	13.19	149	271038	35.41	ng		93
80) Benzo(a)anthracene	13.74	228	465792	35.11	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	156710	18.59	ng	#	94
82) Chrysene	13.77	228	458520	33.97	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	376825	40.93	ng		97
84) Di-n-octyl phthalate	14.35	149	624502	40.95	ng	#	82
85) Indeno(1,2,3-cd)pyrene	16.37	276	364531	32.46	ng		95
87) Benzo(b)fluoranthene	14.74	252	413878m	31.24	ng		
88) Benzo(k)fluoranthene	14.77	252	385468m	35.53	ng		
89) Benzo(a)pyrene	15.06	252	386972	33.86	ng	#	97
90) Dibenzo(a,h)anthracene	16.37	278	311640	32.36	ng		98
91) Benzo(g,h,i)perylene	16.73	276	292970	29.94	ng	#	92

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

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