Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087668.D
Acq On : 4 Jun 2016 16:14
Operator : UM/SJ
Sample : PB91075BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:10 PM

Quant Time: Jun 05 01:34:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	113598	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	479601	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	221411	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	404464	20.00	ng		0.00
75) Chrysene-d12	14.02	240	300325	20.00	ng		0.00
86) Perylene-d12	15.44	264	269608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	503677	71.67	ng		0.01
7) Phenol-d6	6.48	99	664057	75.34	ng		-0.01
23) Nitrobenzene-d5	7.43	82	602347	72.66	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	156655	70.49	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1067546	70.00	ng		-0.01
78) Terphenyl-d14	12.97	244	939268	76.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	99716	29.35	ng	#	18
3) Pyridine	3.29	79	256594	28.59	ng		100
4) n-Nitrosodimethylamine	3.23	42	129624	34.19	ng		98
6) Aniline	6.51	93	245539	19.65	ng		95
8) 2-Chlorophenol	6.64	128	284721	35.20	ng		97
9) Benzaldehyde	6.40	77	18780	3.15	ng		90
10) Phenol	6.50	94	358507	35.72	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	242635	33.27	ng		97
12) 1,3-Dichlorobenzene	6.80	146	301316	34.80	ng		98
13) 1,4-Dichlorobenzene	6.88	146	312866	36.01	ng		98
14) 1,2-Dichlorobenzene	7.03	146	273257m	33.55	ng		
15) Benzyl Alcohol	7.00	79	219065	33.64	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	361260	33.97	ng		96
17) 2-Methylphenol	7.12	107	249288	38.39	ng		94
18) Hexachloroethane	7.37	117	107804	35.48	ng	#	83
19) n-Nitroso-di-n-propylamine	7.28	70	190775	34.66	ng		96
20) 3+4-Methylphenols	7.27	107	295786	37.18	ng	#	89
22) Acetophenone	7.27	105	372269	34.27	ng	#	83
24) Nitrobenzene	7.44	77	267555	32.25	ng	#	87
25) Isophorone	7.69	82	533741	35.37	ng		94
26) 2-Nitrophenol	7.76	139	134563	34.91	ng		95
27) 2,4-Dimethylphenol	7.80	122	290430	36.35	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	315972	33.01	ng	#	97
29) 2,4-Dichlorophenol	8.00	162	242566	36.97	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	254790	37.08	ng		98
31) Naphthalene	8.17	128	877932	37.65	ng		99
32) Benzoic acid	7.91	122	180889	37.53	ng		97
33) 4-Chloroaniline	8.22	127	161905	15.98	ng	#	93
34) Hexachlorobutadiene	8.30	225	124520	34.86	ng		99
35) Caprolactam	8.58	113	81243m	37.69	ng		
36) 4-Chloro-3-methylphenol	8.70	107	246075	36.26	ng		97
37) 2-Methylnaphthalene	8.86	142	534459	34.71	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	226312	37.09	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	249160	69.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	160032	34.73	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	166806	38.89	ng	#	91
45) 1,1'-Biphenyl	9.32	154	646031	35.95	ng		99
46) 2-Chloronaphthalene	9.35	162	506970	35.44	ng		99
47) 2-Nitroaniline	9.44	65	141432	35.12	ng		98
48) Acenaphthylene	9.76	152	811475	36.38	ng		100
49) Dimethylphthalate	9.63	163	611703	38.00	ng		99
50) 2,6-Dinitrotoluene	9.69	165	140355	38.32	ng		95
51) Acenaphthene	9.93	154	537629	37.46	ng		100
52) 3-Nitroaniline	9.85	138	93790	22.39	ng		93
53) 2,4-Dinitrophenol	9.95	184	108060	65.74	ng		91
54) Dibenzofuran	10.11	168	746551	38.21	ng		100
55) 4-Nitrophenol	10.01	139	259002	72.34	ng		89
56) 2,4-Dinitrotoluene	10.09	165	201212	43.15	ng		97
57) Fluorene	10.44	166	536481	35.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	138740	37.55	ng	#	55
59) Diethylphthalate	10.33	149	585929	36.25	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	234896	37.30	ng		100
61) 4-Nitroaniline	10.47	138	157557	39.12	ng		98
62) Azobenzene	10.60	77	650686	39.99	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	83316	37.52	ng		93
65) n-Nitrosodiphenylamine	10.56	169	482409	36.41	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	160277	39.96	ng		97
67) Hexachlorobenzene	10.99	284	162075	36.14	ng		97
68) Atrazine	11.08	200	144356	36.79	ng		91
69) Pentachlorophenol	11.19	266	202749	76.08	ng		100
70) Phenanthrene	11.40	178	759690	34.64	ng		99
71) Anthracene	11.46	178	868181	39.51	ng		100
72) Carbazole	11.61	167	746688	35.90	ng		100
73) Di-n-butylphthalate	11.95	149	916700	41.11	ng		100
74) Fluoranthene	12.59	202	862972	39.99	ng		98
76) Benzidine	12.71	184	242727	20.50	ng		97
77) Pyrene	12.82	202	883616	41.32	ng		100
79) Butylbenzylphthalate	13.45	149	390192	42.87	ng		97
80) Benzo(a)anthracene	14.00	228	685153	39.53	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	110961	22.69	ng		98
82) Chrysene	14.05	228	719359	41.70	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	464163	42.85	ng	#	99
84) Di-n-octyl phthalate	14.62	149	812499	40.35	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	581810	40.80	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	699159	39.86	ng		99
88) Benzo(k)fluoranthene	15.06	252	516414m	35.39	ng		
89) Benzo(a)pyrene	15.38	252	565126	38.33	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	482659	38.47	ng		99
91) Benzo(g,h,i)perylene	17.26	276	490675	38.76	ng		99

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

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