Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091530.D
Acq On : 9 Dec 2016 16:12
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
12/12/2016 6:49:37 PM

Quant Time: Dec 09 17:37:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 15:51:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	283331	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1068626	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	537923	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	845981	20.00	ng		0.00
75) Chrysene-d12	13.96	240	486418	20.00	ng		0.00
86) Perylene-d12	15.38	264	507799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1697474	97.87	ng		0.00
7) Phenol-d6	6.46	99	2293294	107.42	ng		0.01
23) Nitrobenzene-d5	7.39	82	2337614	122.59	ng		0.01
41) 2,4,6-Tribromophenol	10.65	330	524241	102.94	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	3288089	110.68	ng		0.00
78) Terphenyl-d14	12.92	244	2588533	115.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	487476	62.13	ng	#	86
3) Pyridine	3.10	79	1417070	63.82	ng	#	81
4) n-Nitrosodimethylamine	3.07	42	582518	50.00	ng	#	70
6) Aniline	6.49	93	1469592	51.82	ng	#	65
8) 2-Chlorophenol	6.60	128	968216	50.92	ng		90
10) Phenol	6.48	94	1411531	56.19	ng		89
11) bis(2-Chloroethyl)ether	6.56	93	920460	51.28	ng		92
12) 1,3-Dichlorobenzene	6.76	146	1137392	53.77	ng		95
13) 1,4-Dichlorobenzene	6.83	146	1045734	49.70	ng		95
14) 1,2-Dichlorobenzene	6.99	146	1021167	52.11	ng		97
15) Benzyl Alcohol	6.97	79	916000	53.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1597672	41.39	ng		81
17) 2-Methylphenol	7.08	107	826503	54.99	ng	#	75
18) Hexachloroethane	7.33	117	448265	60.00	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	643705	47.86	ng	#	84
20) 3+4-Methylphenols	7.24	107	1005411	54.79	ng	#	77
22) Acetophenone	7.23	105	1367988	54.01	ng	#	89
24) Nitrobenzene	7.40	77	1029534	52.74	ng		92
25) Isophorone	7.65	82	2020958	59.82	ng		98
26) 2-Nitrophenol	7.72	139	581565	65.37	ng	#	82
27) 2,4-Dimethylphenol	7.77	122	951900	57.19	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	1155655	56.83	ng		99
29) 2,4-Dichlorophenol	7.96	162	758958	51.84	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	839261	51.13	ng		99
31) Naphthalene	8.12	128	2612107	51.43	ng		99
32) Benzoic acid	7.90	122	670871	54.68	ng		93
33) 4-Chloroaniline	8.18	127	1262770	58.16	ng		96
34) Hexachlorobutadiene	8.25	225	506758	50.21	ng		98
35) Caprolactam	8.57	113	254990	60.59	ng	#	42
36) 4-Chloro-3-methylphenol	8.66	107	827539	52.35	ng		97
37) 2-Methylnaphthalene	8.82	142	1856294	53.80	ng		98
40) Hexachlorocyclopentadiene	8.97	237	392552	55.85	ng		98
42) 2,4,6-Trichlorophenol	9.09	196	539222	54.71	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	549197	55.61	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.28	154	2126931	54.99	ng		99
46) 2-Chloronaphthalene	9.30	162	1624826	56.41	ng		97
47) 2-Nitroaniline	9.40	65	635410	61.42	ng		92
48) Acenaphthylene	9.72	152	2659593	58.65	ng		99
49) Dimethylphthalate	9.58	163	1736464	53.31	ng		97
50) 2,6-Dinitrotoluene	9.64	165	384309	52.79	ng		94
51) Acenaphthene	9.89	154	1807375	59.09	ng		98
52) 3-Nitroaniline	9.81	138	471483	55.95	ng		94
53) 2,4-Dinitrophenol	9.92	184	233578	73.37	ng	#	86
54) Dibenzofuran	10.06	168	2238680	54.67	ng		97
55) 4-Nitrophenol	9.97	139	335948	55.20	ng		93
56) 2,4-Dinitrotoluene	10.04	165	497125	52.64	ng	#	54
57) Fluorene	10.41	166	1697539	53.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	424715m	50.36	ng		
59) Diethylphthalate	10.28	149	1759065	54.71	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	726075	46.04	ng	#	81
61) 4-Nitroaniline	10.43	138	514032	64.96	ng		92
62) Azobenzene	10.56	77	2087102	63.62	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	305122	65.47	ng	#	64
65) n-Nitrosodiphenylamine	10.52	169	1519485	59.24	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	521467	57.35	ng	#	86
67) Hexachlorobenzene	10.94	284	489528	49.82	ng	#	68
68) Atrazine	11.05	200	476382	57.35	ng		98
69) Pentachlorophenol	11.14	266	304841	52.70	ng		96
70) Phenanthrene	11.36	178	2231778	50.77	ng		98
71) Anthracene	11.41	178	2520475	57.77	ng		99
72) Carbazole	11.56	167	2050168	51.79	ng		99
73) Di-n-butylphthalate	11.90	149	2667486	59.45	ng		99
74) Fluoranthene	12.54	202	2363547	56.76	ng		98
76) Benzidine	12.67	184	887465	62.15	ng		98
77) Pyrene	12.77	202	2499309	67.71	ng		99
79) Butylbenzylphthalate	13.39	149	1005083	72.71	ng		85
80) Benzo(a)anthracene	13.95	228	1662066	58.43	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	605025	60.38	ng	#	99
82) Chrysene	14.00	228	1853170	65.84	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1254304	71.59	ng	#	95
84) Di-n-octyl phthalate	14.57	149	2092977	78.94	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1721994	66.81	ng		100
87) Benzo(b)fluoranthene	14.98	252	1709196	54.15	ng		98
88) Benzo(k)fluoranthene	15.00	252	1469852m	55.38	ng		
89) Benzo(a)pyrene	15.32	252	1509282	53.25	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	1430630	54.57	ng		97
91) Benzo(g,h,i)perylene	17.17	276	1511496	55.92	ng		98

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

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