Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091255.D
Acq On : 21 Nov 2016 20:52
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Quant Time: Nov 22 00:20:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:03:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	215313	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	849364	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	451437	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	729704	20.00	ng		0.00
75) Chrysene-d12	13.71	240	596134	20.00	ng		0.00
86) Perylene-d12	15.07	264	622306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	683393	53.03	ng		0.00
7) Phenol-d6	6.22	99	783849	45.39	ng		-0.01
23) Nitrobenzene-d5	7.15	82	798685	51.04	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	218207	53.38	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	1399144	53.00	ng		-0.01
78) Terphenyl-d14	12.67	244	1405497	58.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	159956	22.16	ng		100
3) Pyridine	2.61	79	408854	23.76	ng		98
4) n-Nitrosodimethylamine	2.57	42	212840	29.89	ng		98
6) Aniline	6.24	93	496207	24.46	ng	#	77
8) 2-Chlorophenol	6.35	128	367978	24.25	ng	#	78
9) Benzaldehyde	6.11	77	234096	25.00	ng		98
10) Phenol	6.24	94	439463	22.64	ng	#	54
11) bis(2-Chloroethyl)ether	6.32	93	380422	23.66	ng		97
12) 1,3-Dichlorobenzene	6.51	146	386341	24.87	ng		99
13) 1,4-Dichlorobenzene	6.59	146	412106	24.70	ng		99
14) 1,2-Dichlorobenzene	6.74	146	384584	25.49	ng		97
15) Benzyl Alcohol	6.73	79	334760	26.97	ng		88
16) 2,2'-oxybis(1-Chloropropan	6.86	45	709335	29.54	ng		94
17) 2-Methylphenol	7.01	107	389377	31.12	ng		98
18) Hexachloroethane	7.08	117	150453	23.55	ng		98
19) n-Nitroso-di-n-propylamine	7.00	70	310143	25.98	ng		92
20) 3+4-Methylphenols	7.01	107	389377	26.75	ng		98
22) Acetophenone	6.99	105	518605	26.49	ng	#	86
24) Nitrobenzene	7.16	77	445036	26.40	ng		94
25) Isophorone	7.40	82	708535	23.69	ng	#	94
26) 2-Nitrophenol	7.48	139	199871	27.29	ng		97
27) 2,4-Dimethylphenol	7.54	122	312456	26.36	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	402931	24.96	ng		99
29) 2,4-Dichlorophenol	7.73	162	309198	28.90	ng		98
30) 1,2,4-Trichlorobenzene	7.80	180	329230	27.80	ng		98
31) Naphthalene	7.88	128	1066827	26.51	ng		99
32) Benzoic acid	7.69	122	185325	22.49	ng		96
33) 4-Chloroaniline	7.95	127	403767	24.09	ng		97
34) Hexachlorobutadiene	8.01	225	189474	29.02	ng		99
35) Caprolactam	8.32	113	89375	27.29	ng	#	82
36) 4-Chloro-3-methylphenol	8.44	107	337850	26.83	ng		94
37) 2-Methylnaphthalene	8.57	142	678069	25.95	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	333509	29.31	ng		99
40) Hexachlorocyclopentadiene	8.73	237	70224	19.33	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	196907	26.67	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	199928	25.89	ng		99
45) 1,1'-Biphenyl	9.04	154	902977	27.76	ng		98
46) 2-Chloronaphthalene	9.06	162	687316	27.79	ng		97
47) 2-Nitroaniline	9.16	65	242960	26.54	ng	#	64
48) Acenaphthylene	9.47	152	1056285	27.28	ng		99
49) Dimethylphthalate	9.34	163	752613	25.39	ng		98
50) 2,6-Dinitrotoluene	9.41	165	174880	27.33	ng	#	75
51) Acenaphthene	9.64	154	645209	26.39	ng		100
52) 3-Nitroaniline	9.58	138	175739	23.52	ng		87
53) 2,4-Dinitrophenol	9.70	184	72062	23.67	ng		90
54) Dibenzofuran	9.81	168	888244	26.99	ng		96
55) 4-Nitrophenol	9.77	139	66071m	17.02	ng		
56) 2,4-Dinitrotoluene	9.81	165	210436	26.82	ng	#	26
57) Fluorene	10.16	166	720514	26.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	182667	30.04	ng		99
59) Diethylphthalate	10.04	149	748405	25.28	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	312602	26.00	ng		98
61) 4-Nitroaniline	10.19	138	188608	25.16	ng		87
62) Azobenzene	10.30	77	839700	23.84	ng		81
64) 4,6-Dinitro-2-methylphenol	10.22	198	129843	28.88	ng	#	68
65) n-Nitrosodiphenylamine	10.27	169	594536	25.75	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	207460	27.10	ng		93
67) Hexachlorobenzene	10.70	284	218961	26.30	ng		95
68) Atrazine	10.81	200	193472	30.05	ng		96
69) Pentachlorophenol	10.90	266	89468	24.54	ng		98
70) Phenanthrene	11.10	178	1004351	26.51	ng		99
71) Anthracene	11.16	178	1070523	25.97	ng		99
72) Carbazole	11.32	167	988577	26.71	ng		99
73) Di-n-butylphthalate	11.66	149	1192563	26.05	ng		99
74) Fluoranthene	12.29	202	1139550	27.92	ng		98
76) Benzidine	12.42	184	364114	27.22	ng		98
77) Pyrene	12.51	202	1090595	27.09	ng		99
79) Butylbenzylphthalate	13.15	149	513073	27.16	ng		95
80) Benzo(a)anthracene	13.70	228	913956	26.93	ng		100
81) 3,3'-Dichlorobenzidine	13.68	252	358085	29.67	ng		99
82) Chrysene	13.73	228	938412	27.79	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	643414	25.75	ng		100
84) Di-n-octyl phthalate	14.32	149	1272559	30.90	ng		97
85) Indeno(1,2,3-cd)pyrene	16.31	276	706997	25.40	ng		99
87) Benzo(b)fluoranthene	14.71	252	932375m	23.05	ng		
88) Benzo(k)fluoranthene	14.73	252	895394m	24.43	ng		
89) Benzo(a)pyrene	15.01	252	893525	24.98	ng		99
90) Dibenzo(a,h)anthracene	16.31	278	596261	19.22	ng		98
91) Benzo(g,h,i)perylene	16.66	276	597563	20.95	ng	#	93

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

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