Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084166.D
Acq On : 31 Dec 2015 00:27
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:11 PM

Quant Time: Dec 31 03:59:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 03:17:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	342121	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1418747	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	637158	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	1183086	20.00	ng		0.00
75) Chrysene-d12	14.07	240	932403	20.00	ng		0.00
86) Perylene-d12	15.49	264	659065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1035145	50.74	ng		-0.01
7) Phenol-d6	6.52	99	1439118	56.68	ng		0.00
23) Nitrobenzene-d5	7.46	82	1186851	48.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	325886	47.93	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1932666	42.48	ng		0.00
78) Terphenyl-d14	13.01	244	1907739	38.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	252992	29.55	ng		99
3) Pyridine	3.26	79	726808	33.52	ng		98
4) n-Nitrosodimethylamine	3.20	42	334815	33.91	ng		90
6) Aniline	6.56	93	959611	29.38	ng		95
8) 2-Chlorophenol	6.68	128	644836	26.07	ng		92
9) Benzaldehyde	6.44	77	468342	33.88	ng		98
10) Phenol	6.53	94	907231	31.44	ng		85
11) bis(2-Chloroethyl)ether	6.64	93	653040	31.24	ng		91
12) 1,3-Dichlorobenzene	6.84	146	660335	24.59	ng		97
13) 1,4-Dichlorobenzene	6.92	146	663192	24.30	ng		98
14) 1,2-Dichlorobenzene	7.07	146	609117	24.38	ng		96
15) Benzyl Alcohol	7.04	79	536498	27.19	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1098882	47.05	ng		99
17) 2-Methylphenol	7.15	107	530121	27.21	ng		96
18) Hexachloroethane	7.41	117	244938	24.44	ng	#	70
19) n-Nitroso-di-n-propylamine	7.31	70	433793	27.51	ng		96
20) 3+4-Methylphenols	7.30	107	611662	24.72	ng	#	76
22) Acetophenone	7.31	105	875081	24.88	ng	#	82
24) Nitrobenzene	7.48	77	657961	25.85	ng		94
25) Isophorone	7.72	82	1155240	25.34	ng		94
26) 2-Nitrophenol	7.80	139	278519	21.59	ng		92
27) 2,4-Dimethylphenol	7.84	122	595807	27.61	ng		96
28) bis(2-Chloroethoxy)methane	7.94	93	809442	30.29	ng		99
29) 2,4-Dichlorophenol	8.04	162	512684	25.08	ng		94
30) 1,2,4-Trichlorobenzene	8.13	180	531925	24.06	ng		97
31) Naphthalene	8.21	128	1742721	23.49	ng		97
32) Benzoic acid	7.93	122	363010	31.13	ng		98
33) 4-Chloroaniline	8.26	127	794974	26.07	ng	#	93
34) Hexachlorobutadiene	8.33	225	288817	22.71	ng		94
35) Caprolactam	8.61	113	152818	26.44	ng		91
36) 4-Chloro-3-methylphenol	8.73	107	545867	23.84	ng		87
37) 2-Methylnaphthalene	8.90	142	1105205	23.41	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	508666	25.57	ng		98
40) Hexachlorocyclopentadiene	9.06	237	311499	57.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	350811	26.76	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	325229	24.81	ng		92
45) 1,1'-Biphenyl	9.37	154	1487301	26.66	ng		96
46) 2-Chloronaphthalene	9.39	162	1083144	25.39	ng		95
47) 2-Nitroaniline	9.48	65	342063	29.24	ng	#	85
48) Acenaphthylene	9.80	152	1569237	22.16	ng		99
49) Dimethylphthalate	9.66	163	1159013	22.18	ng		99
50) 2,6-Dinitrotoluene	9.72	165	238819	21.80	ng	#	44
51) Acenaphthene	9.97	154	979452	23.37	ng		99
52) 3-Nitroaniline	9.89	138	329668	28.07	ng	#	79
53) 2,4-Dinitrophenol	10.00	184	75653	22.79	ng	#	71
54) Dibenzofuran	10.14	168	1363822	23.57	ng	#	90
55) 4-Nitrophenol	10.03	139	219413	32.24	ng	#	86
56) 2,4-Dinitrotoluene	10.12	165	313856	21.33	ng	#	41
57) Fluorene	10.49	166	1021525	21.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	287748	30.04	ng		98
59) Diethylphthalate	10.36	149	1240671	23.21	ng		94
60) 4-Chlorophenyl-phenylether	10.49	204	518651	23.27	ng		93
61) 4-Nitroaniline	10.50	138	283261	25.21	ng		93
62) Azobenzene	10.65	77	1395058	30.57	ng		93
64) 4,6-Dinitro-2-methylphenol	10.53	198	124247	18.78	ng	#	52
65) n-Nitrosodiphenylamine	10.60	169	1018918	24.85	ng		97
66) 4-Bromophenyl-phenylether	10.98	248	335965	24.53	ng	#	90
67) Hexachlorobenzene	11.04	284	347047	23.37	ng		92
68) Atrazine	11.13	200	324843	25.44	ng		98
69) Pentachlorophenol	11.23	266	212480	42.37	ng		98
70) Phenanthrene	11.45	178	1590132	23.02	ng		99
71) Anthracene	11.50	178	1782301	24.72	ng		97
72) Carbazole	11.65	167	1551907	25.19	ng		98
73) Di-n-butylphthalate	12.00	149	1903813	24.01	ng		98
74) Fluoranthene	12.64	202	1695957	23.35	ng		97
76) Benzidine	12.76	184	980693	30.16	ng		99
77) Pyrene	12.87	202	1692986	21.80	ng		99
79) Butylbenzylphthalate	13.49	149	771630	23.30	ng		93
80) Benzo(a)anthracene	14.05	228	1291099	22.71	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	525072	29.62	ng	#	98
82) Chrysene	14.09	228	1244441	24.46	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	899651	21.58	ng	#	99
84) Di-n-octyl phthalate	14.67	149	1446878	24.07	ng		100
85) Indeno(1,2,3-cd)pyrene	16.91	276	908357	17.82	ng		100
87) Benzo(b)fluoranthene	15.08	252	997207m	20.38	ng		
88) Benzo(k)fluoranthene	15.12	252	1021808m	30.94	ng		
89) Benzo(a)pyrene	15.44	252	940887	23.42	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	747240	19.54	ng	#	97
91) Benzo(g,h,i)perylene	17.35	276	747768	19.09	ng		96

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

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