Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084577.D
Acq On : 21 Jan 2016 10:27
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 22 00:34:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	221023	20.00	ng		-0.06
21) Naphthalene-d8	8.05	136	891476	20.00	ng		-0.07
38) Acenaphthene-d10	9.81	164	432655	20.00	ng		-0.06
63) Phenanthrene-d10	11.29	188	772392	20.00	ng		-0.07
75) Chrysene-d12	13.93	240	536212	20.00	ng		-0.07
86) Perylene-d12	15.33	264	441697	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1115518	81.63	ng		-0.07
7) Phenol-d6	6.42	99	1363741	79.46	ng		-0.06
23) Nitrobenzene-d5	7.34	82	1307716	81.64	ng		-0.06
41) 2,4,6-Tribromophenol	10.60	330	342568	78.43	ng		-0.07
44) 2-Fluorobiphenyl	9.14	172	2093289	85.12	ng		-0.06
78) Terphenyl-d14	12.88	244	1986931	82.71	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	243058	37.55	ng	#	75
3) Pyridine	3.00	79	780296	43.23	ng	#	72
4) n-Nitrosodimethylamine	2.96	42	343942	37.13	ng		83
6) Aniline	6.43	93	854866	34.05	ng	#	52
8) 2-Chlorophenol	6.56	128	641239	41.36	ng		97
9) Benzaldehyde	6.32	77	376710	33.71	ng		91
10) Phenol	6.43	94	813030	41.67	ng		79
11) bis(2-Chloroethyl)ether	6.51	93	603848m	39.95	ng		
12) 1,3-Dichlorobenzene	6.70	146	616734m	38.56	ng		
13) 1,4-Dichlorobenzene	6.78	146	634232	39.55	ng		96
14) 1,2-Dichlorobenzene	6.94	146	588535	38.32	ng		94
15) Benzyl Alcohol	6.92	79	553319	38.33	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1005006	36.51	ng		86
17) 2-Methylphenol	7.04	107	478100	36.80	ng		95
18) Hexachloroethane	7.28	117	243338	37.94	ng	#	91
19) n-Nitroso-di-n-propylamine	7.20	70	432769	37.25	ng	#	78
20) 3+4-Methylphenols	7.20	107	608905	39.87	ng	#	83
22) Acetophenone	7.18	105	822338	38.36	ng		96
24) Nitrobenzene	7.36	77	605135	37.25	ng		94
25) Isophorone	7.61	82	1175359	38.37	ng	#	94
26) 2-Nitrophenol	7.68	139	354848	47.99	ng	#	92
27) 2,4-Dimethylphenol	7.72	122	571407	38.18	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	689587	36.85	ng		99
29) 2,4-Dichlorophenol	7.92	162	481455	38.62	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	506628	39.36	ng		97
31) Naphthalene	8.08	128	1575201	38.95	ng		99
32) Benzoic acid	7.85	122	307855	34.06	ng		97
33) 4-Chloroaniline	8.13	127	708328	38.20	ng		98
34) Hexachlorobutadiene	8.20	225	313139	42.33	ng		99
35) Caprolactam	8.51	113	154498	36.76	ng	#	45
36) 4-Chloro-3-methylphenol	8.62	107	581563	41.65	ng		97
37) 2-Methylnaphthalene	8.77	142	1179180	40.61	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	463391	37.26	ng		99
40) Hexachlorocyclopentadiene	8.92	237	225612	30.05	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	325457	34.97	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	343824	38.54	ng	#	86
45) 1,1'-Biphenyl	9.24	154	1359165	39.53	ng		95
46) 2-Chloronaphthalene	9.25	162	995802	36.87	ng		97
47) 2-Nitroaniline	9.36	65	317069	35.57	ng		98
48) Acenaphthylene	9.68	152	1671947	41.90	ng		98
49) Dimethylphthalate	9.55	163	1221611	39.50	ng	#	91
50) 2,6-Dinitrotoluene	9.61	165	292998	43.19	ng		96
51) Acenaphthene	9.85	154	1107869	41.39	ng		98
52) 3-Nitroaniline	9.78	138	310827	36.98	ng	#	63
53) 2,4-Dinitrophenol	9.88	184	101678	37.18	ng	#	79
54) Dibenzofuran	10.02	168	1452774	41.69	ng		94
55) 4-Nitrophenol	9.95	139	241257	39.54	ng		85
56) 2,4-Dinitrotoluene	10.01	165	373412	43.49	ng		96
57) Fluorene	10.36	166	1168497	43.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	272375	35.76	ng		90
59) Diethylphthalate	10.25	149	1179797	38.69	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	463330	40.10	ng		90
61) 4-Nitroaniline	10.38	138	273984	36.56	ng		94
62) Azobenzene	10.51	77	1201595	35.92	ng		88
64) 4,6-Dinitro-2-methylphenol	10.42	198	163901	34.86	ng	#	70
65) n-Nitrosodiphenylamine	10.48	169	1000261	40.50	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	318338	38.29	ng	#	82
67) Hexachlorobenzene	10.91	284	369180	39.46	ng	#	86
68) Atrazine	11.00	200	310651	38.44	ng		99
69) Pentachlorophenol	11.10	266	183700	37.86	ng		98
70) Phenanthrene	11.32	178	1727196	42.75	ng		97
71) Anthracene	11.37	178	1530460	38.64	ng		98
72) Carbazole	11.53	167	1384645	35.76	ng		99
73) Di-n-butylphthalate	11.87	149	1831404	44.33	ng		99
74) Fluoranthene	12.50	202	1578857	37.41	ng		98
76) Benzidine	12.64	184	83784	4.36	ng		99
77) Pyrene	12.73	202	1598557	37.99	ng		98
79) Butylbenzylphthalate	13.36	149	698290	38.35	ng		89
80) Benzo(a)anthracene	13.92	228	1276867	40.55	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	426104	38.78	ng		97
82) Chrysene	13.96	228	1208605	39.95	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	880105	38.26	ng	#	94
84) Di-n-octyl phthalate	14.53	149	1348914	34.73	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.68	276	1076650	44.89	ng		99
87) Benzo(b)fluoranthene	14.93	252	1009213m	34.93	ng		
88) Benzo(k)fluoranthene	14.97	252	1082052m	45.79	ng		
89) Benzo(a)pyrene	15.28	252	966793	39.45	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	868738	41.20	ng		96
91) Benzo(g,h,i)perylene	17.08	276	924555	42.34	ng		99

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

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