Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091917.D
Acq On : 23 Dec 2016 12:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 23 16:58:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	235991	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	979576	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	499450	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	830454	20.00	ng		0.00
75) Chrysene-d12	13.89	240	623794	20.00	ng		-0.01
86) Perylene-d12	15.29	264	535307	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1127358	79.76	ng		0.03
7) Phenol-d6	6.44	99	1431748	82.97	ng		0.03
23) Nitrobenzene-d5	7.32	82	1449021	82.25	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	352558	85.30	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2199879	91.19	ng		-0.01
78) Terphenyl-d14	12.84	244	1749377	68.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	273603	39.32	ng		97
3) Pyridine	2.96	79	785529	32.35	ng		98
4) n-Nitrosodimethylamine	2.93	42	333205	36.37	ng		99
6) Aniline	6.41	93	978395	43.65	ng	#	46
8) 2-Chlorophenol	6.54	128	621421	38.65	ng		98
9) Benzaldehyde	6.28	77	406813	42.12	ng		93
10) Phenol	6.45	94	940134	47.81	ng	#	74
11) bis(2-Chloroethyl)ether	6.49	93	668427	42.72	ng		100
12) 1,3-Dichlorobenzene	6.68	146	684562	39.89	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	722699	41.37	ng		97
14) 1,2-Dichlorobenzene	6.91	146	566893	37.40	ng		94
15) Benzyl Alcohol	6.91	79	566027	42.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	970883	41.67	ng		98
17) 2-Methylphenol	7.05	107	502413	38.86	ng		99
18) Hexachloroethane	7.25	117	262824	40.58	ng		91
19) n-Nitroso-di-n-propylamine	7.17	70	473860	41.28	ng		98
20) 3+4-Methylphenols	7.20	107	740252	48.00	ng	#	71
22) Acetophenone	7.16	105	978561	40.50	ng	#	94
24) Nitrobenzene	7.33	77	672189	35.83	ng		100
25) Isophorone	7.57	82	1179930	36.30	ng		94
26) 2-Nitrophenol	7.65	139	392317	42.40	ng		93
27) 2,4-Dimethylphenol	7.72	122	559575	36.46	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	767169	38.92	ng		100
29) 2,4-Dichlorophenol	7.92	162	531838	40.93	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	547320	38.43	ng	#	96
31) Naphthalene	8.05	128	1824892	40.70	ng		99
32) Benzoic acid	7.88	122	477171	41.92	ng	#	87
33) 4-Chloroaniline	8.11	127	772399	38.21	ng		96
34) Hexachlorobutadiene	8.17	225	297152	39.53	ng		99
35) Caprolactam	8.50	113	160850	37.67	ng	#	66
36) 4-Chloro-3-methylphenol	8.62	107	579786	38.77	ng		98
37) 2-Methylnaphthalene	8.74	142	1113458	39.12	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	512529	40.62	ng		98
40) Hexachlorocyclopentadiene	8.90	237	194852	36.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	343415	38.91	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	341664	37.62	ng	#	82
45) 1,1'-Biphenyl	9.21	154	1345838	39.35	ng		98
46) 2-Chloronaphthalene	9.23	162	1040384	38.42	ng		94
47) 2-Nitroaniline	9.34	65	407600	42.27	ng	#	70
48) Acenaphthylene	9.64	152	1526610	36.65	ng		99
49) Dimethylphthalate	9.52	163	1206585	37.77	ng		98
50) 2,6-Dinitrotoluene	9.58	165	289032	41.34	ng	#	71
51) Acenaphthene	9.81	154	1033219	36.59	ng		99
52) 3-Nitroaniline	9.76	138	376956	43.57	ng		92
53) 2,4-Dinitrophenol	9.86	184	144192	37.06	ng		93
54) Dibenzofuran	9.98	168	1276062	33.46	ng		96
55) 4-Nitrophenol	9.95	139	275206m	46.84	ng		
56) 2,4-Dinitrotoluene	9.98	165	374720	42.70	ng		92
57) Fluorene	10.33	166	1059196	38.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	280240	39.01	ng		98
59) Diethylphthalate	10.21	149	1266512	40.83	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	513244	42.25	ng	#	80
61) 4-Nitroaniline	10.37	138	365930	40.81	ng		98
62) Azobenzene	10.48	77	1322099	38.71	ng		97
64) 4,6-Dinitro-2-methylphenol	10.40	198	220528	43.91	ng		90
65) n-Nitrosodiphenylamine	10.44	169	989912	40.17	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	318990	36.93	ng		96
67) Hexachlorobenzene	10.88	284	359644	38.95	ng	#	94
68) Atrazine	10.98	200	280217	35.25	ng		98
69) Pentachlorophenol	11.08	266	172394	38.05	ng		99
70) Phenanthrene	11.29	178	1689667	37.52	ng		99
71) Anthracene	11.33	178	1602990	38.13	ng		99
72) Carbazole	11.50	167	1689108	46.01	ng		99
73) Di-n-butylphthalate	11.82	149	1726033	40.00	ng		100
74) Fluoranthene	12.46	202	1641502	41.23	ng		99
76) Benzidine	12.59	184	559334	32.99	ng		97
77) Pyrene	12.69	202	1628866	35.59	ng		99
79) Butylbenzylphthalate	13.32	149	806591	38.75	ng		92
80) Benzo(a)anthracene	13.88	228	1325977	37.66	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	493223	36.94	ng		98
82) Chrysene	13.92	228	1312379	37.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	930133	37.94	ng	#	98
84) Di-n-octyl phthalate	14.49	149	1685085	37.11	ng		100
85) Indeno(1,2,3-cd)pyrene	16.63	276	1129938	36.93	ng		98
87) Benzo(b)fluoranthene	14.90	252	1356134m	40.69	ng		
88) Benzo(k)fluoranthene	14.92	252	1060948m	37.33	ng		
89) Benzo(a)pyrene	15.23	252	1135016	38.37	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	956979	39.36	ng		99
91) Benzo(g,h,i)perylene	17.03	276	968361	38.30	ng		98

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

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