Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091942.D
Acq On : 24 Dec 2016 00:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 24 03:29:06 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	225090	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	924698	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	450082	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	670926	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	431163	20.00	ng		-0.01
86) Perylene-d12	15.29	264	451397	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1029387	76.36	ng		0.02
7) Phenol-d6	6.43	99	1296844	78.79	ng		0.02
23) Nitrobenzene-d5	7.31	82	1285604	77.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	252244	67.72	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1847295	83.93	ng		-0.01
78) Terphenyl-d14	12.84	244	1380638	77.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	263718	39.74	ng		98
3) Pyridine	2.93	79	822524	35.51	ng		97
4) n-Nitrosodimethylamine	2.90	42	347858	39.81	ng		97
6) Aniline	6.41	93	855739	40.03	ng	#	45
8) 2-Chlorophenol	6.54	128	628816	41.01	ng		93
9) Benzaldehyde	6.28	77	368582	38.83	ng		93
10) Phenol	6.44	94	842012	44.90	ng	#	75
11) bis(2-Chloroethyl)ether	6.49	93	644771	43.21	ng		94
12) 1,3-Dichlorobenzene	6.68	146	674538	41.21	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	677203	40.64	ng		95
14) 1,2-Dichlorobenzene	6.91	146	540724	37.40	ng		95
15) Benzyl Alcohol	6.90	79	382727	29.93	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	878035	39.51	ng		96
17) 2-Methylphenol	7.05	107	509196	41.29	ng		95
18) Hexachloroethane	7.25	117	245399	39.73	ng		95
19) n-Nitroso-di-n-propylamine	7.17	70	486316	44.41	ng		94
20) 3+4-Methylphenols	7.20	107	661351	44.96	ng	#	74
22) Acetophenone	7.16	105	969020	42.49	ng	#	90
24) Nitrobenzene	7.33	77	690560	38.99	ng		97
25) Isophorone	7.57	82	1144383	37.30	ng		96
26) 2-Nitrophenol	7.65	139	342227	39.18	ng	#	81
27) 2,4-Dimethylphenol	7.71	122	488761	33.74	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	751556	40.40	ng		99
29) 2,4-Dichlorophenol	7.90	162	468264	38.17	ng		86
30) 1,2,4-Trichlorobenzene	7.97	180	528759	39.33	ng		95
31) Naphthalene	8.05	128	1764171	41.69	ng		99
32) Benzoic acid	7.86	122	333160	31.01	ng		98
33) 4-Chloroaniline	8.11	127	679400	35.60	ng		97
34) Hexachlorobutadiene	8.17	225	283858	40.00	ng		100
35) Caprolactam	8.49	113	133176	33.04	ng	#	69
36) 4-Chloro-3-methylphenol	8.61	107	478382	33.89	ng		95
37) 2-Methylnaphthalene	8.74	142	1010152	36.99	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	490540	43.14	ng		99
40) Hexachlorocyclopentadiene	8.90	237	80800	19.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	322001	40.49	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	307002	37.51	ng		100
45) 1,1'-Biphenyl	9.21	154	1357583	44.05	ng		99
46) 2-Chloronaphthalene	9.23	162	988921	40.52	ng		96
47) 2-Nitroaniline	9.33	65	305571	35.17	ng		99
48) Acenaphthylene	9.64	152	1472724	39.24	ng		99
49) Dimethylphthalate	9.52	163	1213856	42.17	ng		99
50) 2,6-Dinitrotoluene	9.57	165	229251	36.38	ng	#	69
51) Acenaphthene	9.81	154	946265	37.19	ng		100
52) 3-Nitroaniline	9.74	138	276374	35.44	ng		97
53) 2,4-Dinitrophenol	9.85	184	41568	11.86	ng	#	45
54) Dibenzofuran	9.98	168	1262949	36.75	ng		98
55) 4-Nitrophenol	9.95	139	158713m	29.98	ng		
56) 2,4-Dinitrotoluene	9.97	165	279980	35.40	ng	#	83
57) Fluorene	10.33	166	1041704	41.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	230105	35.55	ng		98
59) Diethylphthalate	10.21	149	1142932	40.88	ng		94
60) 4-Chlorophenyl-phenylether	10.32	204	428435	39.14	ng		97
61) 4-Nitroaniline	10.36	138	278490	34.47	ng		99
62) Azobenzene	10.48	77	1151675	37.42	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	89419	22.04	ng		74
65) n-Nitrosodiphenylamine	10.44	169	843519	42.37	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	296030	42.42	ng		97
67) Hexachlorobenzene	10.88	284	311929	41.81	ng	#	93
68) Atrazine	10.97	200	206359	32.13	ng		97
69) Pentachlorophenol	11.08	266	114393	31.25	ng		99
70) Phenanthrene	11.29	178	1410846	38.78	ng		97
71) Anthracene	11.33	178	1332740	39.70	ng		99
72) Carbazole	11.49	167	1146476	34.74	ng		99
73) Di-n-butylphthalate	11.82	149	1545918	44.83	ng		99
74) Fluoranthene	12.46	202	1184944	36.39	ng		97
76) Benzidine	12.60	184	363521	30.57	ng		96
77) Pyrene	12.69	202	1228876	38.85	ng		99
79) Butylbenzylphthalate	13.32	149	575907	40.03	ng	#	80
80) Benzo(a)anthracene	13.88	228	906990	37.27	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	362119	39.24	ng	#	96
82) Chrysene	13.92	228	972586	39.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	728091	42.97	ng	#	97
84) Di-n-octyl phthalate	14.49	149	1239376	39.49	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	915064	43.27	ng		99
87) Benzo(b)fluoranthene	14.90	252	1220421m	43.43	ng		
88) Benzo(k)fluoranthene	14.92	252	770479m	32.15	ng		
89) Benzo(a)pyrene	15.23	252	964360	38.66	ng		97
90) Dibenzo(a,h)anthracene	16.64	278	790207	38.54	ng	#	94
91) Benzo(g,h,i)perylene	17.01	276	755733	35.45	ng	#	95

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

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