Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091167.D
Acq On : 15 Nov 2016 9:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 16 00:22:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	170713	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	707855	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	393142	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	651557	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	522961	20.00	ng		-0.03
86) Perylene-d12	15.15	264	430214	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	895586	86.64	ng		-0.02
7) Phenol-d6	6.29	99	1078250	76.85	ng		-0.02
23) Nitrobenzene-d5	7.21	82	1009853	77.82	ng		-0.03
41) 2,4,6-Tribromophenol	10.46	330	317124	89.22	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	1733274	75.90	ng		-0.03
78) Terphenyl-d14	12.74	244	2020109	96.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	225562	38.15	ng		91
3) Pyridine	2.74	79	559235	40.43	ng		95
4) n-Nitrosodimethylamine	2.70	42	198696	36.31	ng		82
6) Aniline	6.30	93	674219	40.74	ng	#	67
8) 2-Chlorophenol	6.42	128	509358	41.31	ng		96
9) Benzaldehyde	6.18	77	287564	36.93	ng		99
10) Phenol	6.30	94	619747	39.91	ng	#	81
11) bis(2-Chloroethyl)ether	6.38	93	529278	40.45	ng		87
12) 1,3-Dichlorobenzene	6.58	146	517387	41.49	ng		97
13) 1,4-Dichlorobenzene	6.65	146	537370m	40.16	ng		
14) 1,2-Dichlorobenzene	6.81	146	536102	43.66	ng		98
15) Benzyl Alcohol	6.80	79	404237	40.85	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.92	45	654744	34.95	ng	#	55
17) 2-Methylphenol	6.92	107	387222	39.67	ng	#	92
18) Hexachloroethane	7.14	117	204703	39.53	ng	#	82
19) n-Nitroso-di-n-propylamine	7.07	70	380271	39.11	ng	#	88
20) 3+4-Methylphenols	7.07	107	513848	43.85	ng		89
22) Acetophenone	7.06	105	668957	41.04	ng	#	95
24) Nitrobenzene	7.23	77	595567	41.56	ng		100
25) Isophorone	7.47	82	988210	39.52	ng		100
26) 2-Nitrophenol	7.55	139	271353	44.74	ng	#	71
27) 2,4-Dimethylphenol	7.60	122	409651	40.84	ng		97
28) bis(2-Chloroethoxy)methane	7.69	93	582230	42.62	ng		99
29) 2,4-Dichlorophenol	7.80	162	385325	44.02	ng		92
30) 1,2,4-Trichlorobenzene	7.87	180	443628	45.07	ng		99
31) Naphthalene	7.95	128	1428677	42.20	ng		100
32) Benzoic acid	7.76	122	281885	37.29	ng		99
33) 4-Chloroaniline	8.01	127	613259	43.56	ng		97
34) Hexachlorobutadiene	8.06	225	233602	43.97	ng		99
35) Caprolactam	8.40	113	133232	48.45	ng	#	63
36) 4-Chloro-3-methylphenol	8.50	107	420539	39.69	ng	#	85
37) 2-Methylnaphthalene	8.64	142	897323	41.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	451195	45.01	ng		98
40) Hexachlorocyclopentadiene	8.80	237	103531	31.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	268859	41.55	ng		100
43) 2,4,5-Trichlorophenol	8.97	196	292809	43.10	ng	#	93
45) 1,1'-Biphenyl	9.10	154	1247766	43.47	ng		98
46) 2-Chloronaphthalene	9.13	162	939865	43.12	ng		97
47) 2-Nitroaniline	9.23	65	318300	39.35	ng		97
48) Acenaphthylene	9.54	152	1418877	41.77	ng		99
49) Dimethylphthalate	9.41	163	1039344	40.32	ng		100
50) 2,6-Dinitrotoluene	9.47	165	225499	40.82	ng		100
51) Acenaphthene	9.71	154	905272	42.45	ng		99
52) 3-Nitroaniline	9.64	138	256172	39.10	ng		97
53) 2,4-Dinitrophenol	9.76	184	118784	42.64	ng	#	74
54) Dibenzofuran	9.88	168	1197905	41.73	ng		96
55) 4-Nitrophenol	9.82	139	138296	35.16	ng		94
56) 2,4-Dinitrotoluene	9.88	165	313953	44.66	ng		94
57) Fluorene	10.22	166	1063427	45.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	247211	46.45	ng		95
59) Diethylphthalate	10.11	149	1134860	42.94	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	446818	41.84	ng	#	81
61) 4-Nitroaniline	10.26	138	275905	41.63	ng		96
62) Azobenzene	10.37	77	1139977	36.64	ng		87
64) 4,6-Dinitro-2-methylphenol	10.29	198	179165	44.91	ng		92
65) n-Nitrosodiphenylamine	10.34	169	829646	40.06	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	304129	44.88	ng	#	76
67) Hexachlorobenzene	10.77	284	324828	43.46	ng	#	77
68) Atrazine	10.88	200	259067	43.36	ng		97
69) Pentachlorophenol	10.97	266	129969	39.26	ng		99
70) Phenanthrene	11.17	178	1373681	39.66	ng		100
71) Anthracene	11.23	178	1567661	42.57	ng		99
72) Carbazole	11.39	167	1423184	42.89	ng		98
73) Di-n-butylphthalate	11.72	149	1545421	37.03	ng	#	98
74) Fluoranthene	12.36	202	1581498	44.03	ng		90
76) Benzidine	12.49	184	606646	51.92	ng		99
77) Pyrene	12.58	202	1539066	44.94	ng		99
79) Butylbenzylphthalate	13.21	149	727900	44.43	ng		97
80) Benzo(a)anthracene	13.77	228	1305683	43.97	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	495952	47.54	ng		99
82) Chrysene	13.81	228	1370027	46.79	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	991644	44.73	ng	#	93
84) Di-n-octyl phthalate	14.39	149	1632739	44.79	ng		98
85) Indeno(1,2,3-cd)pyrene	16.42	276	1010943	41.62	ng		96
87) Benzo(b)fluoranthene	14.77	252	1111528m	38.09	ng		
88) Benzo(k)fluoranthene	14.80	252	1153482m	45.07	ng		
89) Benzo(a)pyrene	15.09	252	1035543	40.77	ng		98
90) Dibenzo(a,h)anthracene	16.43	278	879904	40.07	ng		97
91) Benzo(g,h,i)perylene	16.80	276	805975	40.59	ng		96

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

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