Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091210.D
Acq On : 17 Nov 2016 13:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 18 03:29:30 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	6.62	152	169785	20.00	ng		-0.03
21) Naphthalene-d8	7.92	136	752027	20.00	ng		-0.03
38) Acenaphthene-d10	9.66	164	425591	20.00	ng		-0.03
63) Phenanthrene-d10	11.14	188	660537	20.00	ng		-0.03
75) Chrysene-d12	13.78	240	550796	20.00	ng		-0.03
86) Perylene-d12	15.14	264	376500	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	900757	87.62	ng		-0.05
7) Phenol-d6	6.28	99	1140740	81.75	ng		-0.03
23) Nitrobenzene-d5	7.20	82	1039482	75.40	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	303218	78.81	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	1770999	71.64	ng		-0.05
78) Terphenyl-d14	12.73	244	1642765	74.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	222912	37.91	ng		94
3) Pyridine	2.70	79	572449	41.61	ng		96
4) n-Nitrosodimethylamine	2.67	42	212439	39.04	ng		91
6) Aniline	6.28	93	664320	40.36	ng		96
8) 2-Chlorophenol	6.41	128	537166	43.80	ng		87
9) Benzaldehyde	6.17	77	299254	38.64	ng		91
10) Phenol	6.29	94	679860	44.02	ng	#	66
11) bis(2-Chloroethyl)ether	6.36	93	522516	40.15	ng		96
12) 1,3-Dichlorobenzene	6.56	146	544083	43.87	ng		96
13) 1,4-Dichlorobenzene	6.64	146	560852	42.15	ng		95
14) 1,2-Dichlorobenzene	6.80	146	496266	40.64	ng		95
15) Benzyl Alcohol	6.78	79	417060	42.37	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	671185	36.02	ng		71
17) 2-Methylphenol	6.90	107	394880	40.68	ng		96
18) Hexachloroethane	7.13	117	209294	40.64	ng		90
19) n-Nitroso-di-n-propylamine	7.06	70	388503	40.18	ng	#	86
20) 3+4-Methylphenols	7.06	107	529820	45.46	ng		93
22) Acetophenone	7.05	105	724374	41.83	ng	#	94
24) Nitrobenzene	7.22	77	638357	41.93	ng		95
25) Isophorone	7.46	82	1042204	39.23	ng		99
26) 2-Nitrophenol	7.54	139	273546	42.46	ng	#	68
27) 2,4-Dimethylphenol	7.58	122	431790	40.52	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	636748	43.88	ng		100
29) 2,4-Dichlorophenol	7.78	162	405300	43.58	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	459743	43.97	ng		99
31) Naphthalene	7.93	128	1461502	40.64	ng		99
32) Benzoic acid	7.74	122	264207	33.50	ng		99
33) 4-Chloroaniline	8.00	127	651190	43.54	ng		99
34) Hexachlorobutadiene	8.05	225	258049	45.72	ng		99
35) Caprolactam	8.38	113	135805	46.48	ng	#	71
36) 4-Chloro-3-methylphenol	8.49	107	454507	40.37	ng	#	85
37) 2-Methylnaphthalene	8.62	142	954770	41.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	470604	43.37	ng		99
40) Hexachlorocyclopentadiene	8.78	237	140187	37.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	275091	39.27	ng		100
43) 2,4,5-Trichlorophenol	8.96	196	302086	41.07	ng	#	91
45) 1,1'-Biphenyl	9.09	154	1269551	40.85	ng		98
46) 2-Chloronaphthalene	9.12	162	974681	41.31	ng		97
47) 2-Nitroaniline	9.22	65	323627	36.96	ng		95
48) Acenaphthylene	9.53	152	1464569	39.83	ng		100
49) Dimethylphthalate	9.40	163	1046764	37.51	ng		100
50) 2,6-Dinitrotoluene	9.47	165	250387	41.87	ng	#	53
51) Acenaphthene	9.70	154	927156	40.16	ng		100
52) 3-Nitroaniline	9.63	138	260553	36.74	ng		93
53) 2,4-Dinitrophenol	9.74	184	103568	35.56	ng	#	42
54) Dibenzofuran	9.87	168	1211690	38.99	ng		95
55) 4-Nitrophenol	9.81	139	151836	35.58	ng		93
56) 2,4-Dinitrotoluene	9.87	165	298371	39.21	ng	#	85
57) Fluorene	10.21	166	1054098	41.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	242477	42.08	ng		99
59) Diethylphthalate	10.10	149	1104250	38.59	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	448426	38.79	ng	#	77
61) 4-Nitroaniline	10.25	138	265599	37.02	ng		94
62) Azobenzene	10.36	77	1169508	34.72	ng		85
64) 4,6-Dinitro-2-methylphenol	10.28	198	160228	39.61	ng		72
65) n-Nitrosodiphenylamine	10.33	169	814707	38.80	ng		100
66) 4-Bromophenyl-phenylether	10.69	248	303624	44.19	ng	#	83
67) Hexachlorobenzene	10.76	284	348007	45.92	ng	#	81
68) Atrazine	10.86	200	245632	40.55	ng		99
69) Pentachlorophenol	10.96	266	116021	34.57	ng		97
70) Phenanthrene	11.16	178	1414521	40.28	ng		100
71) Anthracene	11.22	178	1456314	39.01	ng		99
72) Carbazole	11.38	167	1270594	37.77	ng		99
73) Di-n-butylphthalate	11.72	149	1773506	41.92	ng		100
74) Fluoranthene	12.35	202	1418962	38.96	ng		95
76) Benzidine	12.49	184	450450	36.61	ng		98
77) Pyrene	12.58	202	1557307	43.17	ng		100
79) Butylbenzylphthalate	13.21	149	692551	40.14	ng		94
80) Benzo(a)anthracene	13.77	228	1175598	37.59	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	406951	37.04	ng	#	98
82) Chrysene	13.80	228	1156325m	37.50	ng		
83) Bis(2-ethylhexyl)phthalate	13.77	149	931734	39.90	ng		100
84) Di-n-octyl phthalate	14.39	149	1557421	40.57	ng		98
85) Indeno(1,2,3-cd)pyrene	16.42	276	834709	32.62	ng		97
87) Benzo(b)fluoranthene	14.77	252	1032961m	40.45	ng		
88) Benzo(k)fluoranthene	14.80	252	898197m	40.10	ng		
89) Benzo(a)pyrene	15.09	252	888116	39.95	ng		99
90) Dibenzo(a,h)anthracene	16.42	278	709080	36.90	ng		99
91) Benzo(g,h,i)perylene	16.79	276	652721	37.56	ng		98

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

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