Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091916\
Data File : BF090127.D
Acq On : 19 Sep 2016 18:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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Quant Time: Sep 19 19:10:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	555988	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	2061610	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	921770	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	1561048	20.00	ng		0.00
75) Chrysene-d12	13.67	240	793559	20.00	ng		0.00
86) Perylene-d12	14.99	264	1019417	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	2537226	73.39	ng		0.00
7) Phenol-d6	6.24	99	3151667	69.64	ng		0.03
23) Nitrobenzene-d5	7.14	82	2933542	80.01	ng		0.01
41) 2,4,6-Tribromophenol	10.38	330	630660	68.11	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	3120218	53.16	ng		0.00
78) Terphenyl-d14	12.64	244	2730484	81.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	757483	41.97	ng		99
3) Pyridine	2.56	79	2021124	43.92	ng		99
4) n-Nitrosodimethylamine	2.54	42	653598	44.87	ng		96
6) Aniline	6.23	93	2137922	38.06	ng	#	79
8) 2-Chlorophenol	6.34	128	1251960	31.43	ng		94
9) Benzaldehyde	6.09	77	930523	38.57	ng		98
10) Phenol	6.25	94	2011617	39.60	ng	#	68
11) bis(2-Chloroethyl)ether	6.31	93	1217350	29.88	ng		93
12) 1,3-Dichlorobenzene	6.49	146	1539854	37.58	ng		96
13) 1,4-Dichlorobenzene	6.57	146	1486423	35.14	ng		97
14) 1,2-Dichlorobenzene	6.72	146	882034m	22.95	ng		
15) Benzyl Alcohol	6.73	79	1013013	39.75	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1429075	29.60	ng	#	43
17) 2-Methylphenol	6.84	107	1216135	37.33	ng	#	82
18) Hexachloroethane	7.05	117	551616	35.94	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	956891	34.02	ng		98
20) 3+4-Methylphenols	7.02	107	1358918	34.36	ng		96
22) Acetophenone	6.99	105	2168139	43.45	ng	#	98
24) Nitrobenzene	7.15	77	1308855	33.89	ng		95
25) Isophorone	7.42	82	3474155	45.25	ng		100
26) 2-Nitrophenol	7.46	139	804012	42.93	ng		98
27) 2,4-Dimethylphenol	7.53	122	1255680	38.11	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	1782054	39.57	ng		99
29) 2,4-Dichlorophenol	7.71	162	1052971	36.18	ng		90
30) 1,2,4-Trichlorobenzene	7.78	180	1020542	35.54	ng		99
31) Naphthalene	7.86	128	2999492	29.60	ng		97
32) Benzoic acid	7.76	122	1220184	45.96	ng		95
33) 4-Chloroaniline	7.92	127	1671366	38.75	ng		99
34) Hexachlorobutadiene	7.98	225	528379	35.94	ng		98
35) Caprolactam	8.38	113	454545m	46.76	ng		
36) 4-Chloro-3-methylphenol	8.43	107	1317719	39.00	ng		96
37) 2-Methylnaphthalene	8.55	142	1912935	30.44	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	850508	35.88	ng		99
40) Hexachlorocyclopentadiene	8.70	237	396949	32.23	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	747892	43.54	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	636277	34.43	ng	#	91
45) 1,1'-Biphenyl	9.03	154	2471718	32.77	ng		95
46) 2-Chloronaphthalene	9.04	162	1582823	28.32	ng		97
47) 2-Nitroaniline	9.14	65	745080	41.76	ng		89
48) Acenaphthylene	9.45	152	3212042	34.22	ng		98
49) Dimethylphthalate	9.35	163	2827366	41.30	ng		98
50) 2,6-Dinitrotoluene	9.40	165	720526	47.09	ng	#	71
51) Acenaphthene	9.62	154	1620901	30.92	ng		99
52) 3-Nitroaniline	9.56	138	686482	36.88	ng		95
53) 2,4-Dinitrophenol	9.67	184	273736	32.91	ng		98
54) Dibenzofuran	9.79	168	2496108	34.43	ng		96
55) 4-Nitrophenol	9.75	139	488733	37.31	ng		86
56) 2,4-Dinitrotoluene	9.80	165	741242	39.74	ng	#	54
57) Fluorene	10.14	166	1838309	31.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	511854	36.32	ng		95
59) Diethylphthalate	10.03	149	2153482	32.49	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	570428	23.11	ng		92
61) 4-Nitroaniline	10.19	138	716095	38.00	ng		86
62) Azobenzene	10.28	77	2274444	32.70	ng		97
64) 4,6-Dinitro-2-methylphenol	10.20	198	340646	32.67	ng	#	58
65) n-Nitrosodiphenylamine	10.26	169	2008072	40.60	ng		100
66) 4-Bromophenyl-phenylether	10.62	248	616679	40.98	ng		97
67) Hexachlorobenzene	10.67	284	656287	37.01	ng		97
68) Atrazine	10.80	200	633629	43.11	ng		98
69) Pentachlorophenol	10.87	266	422810	40.70	ng		99
70) Phenanthrene	11.07	178	2625366	34.80	ng		98
71) Anthracene	11.13	178	2494321	30.28	ng		98
72) Carbazole	11.29	167	2811058	33.27	ng		97
73) Di-n-butylphthalate	11.63	149	3197928	33.75	ng		99
74) Fluoranthene	12.25	202	2494620	31.56	ng		98
76) Benzidine	12.38	184	1125673	34.78	ng		98
77) Pyrene	12.48	202	2656816	45.87	ng		99
79) Butylbenzylphthalate	13.11	149	1258808	43.65	ng	#	81
80) Benzo(a)anthracene	13.66	228	1924580	41.55	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	703289	36.22	ng	#	98
82) Chrysene	13.70	228	2009763	46.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	1513329	42.42	ng	#	97
84) Di-n-octyl phthalate	14.29	149	2919019	45.78	ng		99
85) Indeno(1,2,3-cd)pyrene	16.19	276	2549421	67.53	ng		98
87) Benzo(b)fluoranthene	14.65	252	2618368m	43.81	ng		
88) Benzo(k)fluoranthene	14.67	252	1275269m	23.70	ng		
89) Benzo(a)pyrene	14.95	252	2012703	37.56	ng	#	95
90) Dibenzo(a,h)anthracene	16.22	278	1983278	47.25	ng		96
91) Benzo(g,h,i)perylene	16.55	276	2167664	54.12	ng		99

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

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