Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092483.D
Acq On : 25 Jan 2017 18:17
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 26 10:06:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177972	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	713945	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	405684	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	639604	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	534509	20.00	ng		-0.01
86) Perylene-d12	15.63	264	422362	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	883484	77.23	ng		0.00
7) Phenol-d6	6.59	99	1103015	75.70	ng		0.00
23) Nitrobenzene-d5	7.54	82	1070423	81.90	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	234911	84.97	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1657038	75.53	ng		-0.01
78) Terphenyl-d14	13.11	244	1546952	77.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	230529	37.89	ng	#	82
3) Pyridine	3.38	79	649176	37.48	ng		85
4) n-Nitrosodimethylamine	3.33	42	311273	36.63	ng		80
6) Aniline	6.62	93	851809	39.19	ng	#	47
8) 2-Chlorophenol	6.75	128	482037	40.12	ng		98
9) Benzaldehyde	6.51	77	374262	36.20	ng		92
10) Phenol	6.60	94	702016	39.92	ng	#	72
11) bis(2-Chloroethyl)ether	6.70	93	547336	41.60	ng		98
12) 1,3-Dichlorobenzene	6.91	146	581081	40.89	ng		95
13) 1,4-Dichlorobenzene	6.99	146	592155	41.40	ng		94
14) 1,2-Dichlorobenzene	7.14	146	501778	36.98	ng		98
15) Benzyl Alcohol	7.10	79	408329	37.19	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1000382	38.43	ng		93
17) 2-Methylphenol	7.22	107	400937	39.05	ng		97
18) Hexachloroethane	7.49	117	201481	40.90	ng	#	87
19) n-Nitroso-di-n-propylamine	7.39	70	380228	38.32	ng		94
20) 3+4-Methylphenols	7.38	107	514424	41.30	ng		91
22) Acetophenone	7.38	105	662967	38.99	ng	#	85
24) Nitrobenzene	7.56	77	562245	41.06	ng	#	84
25) Isophorone	7.80	82	1012622	39.32	ng		97
26) 2-Nitrophenol	7.87	139	246263	42.92	ng		91
27) 2,4-Dimethylphenol	7.90	122	451913	37.87	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	597440	35.34	ng		99
29) 2,4-Dichlorophenol	8.11	162	400456	38.71	ng		88
30) 1,2,4-Trichlorobenzene	8.20	180	444211	39.73	ng		96
31) Naphthalene	8.28	128	1364881	37.35	ng		99
32) Benzoic acid	8.03	122	324985	37.57	ng		97
33) 4-Chloroaniline	8.33	127	558287	36.12	ng	#	94
34) Hexachlorobutadiene	8.41	225	257076	42.03	ng		98
35) Caprolactam	8.72	113	133427	38.62	ng	#	36
36) 4-Chloro-3-methylphenol	8.81	107	452137	40.53	ng		93
37) 2-Methylnaphthalene	8.98	142	883924	38.21	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	434495	42.46	ng		99
40) Hexachlorocyclopentadiene	9.14	237	216490	42.24	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	311112	39.68	ng		92
43) 2,4,5-Trichlorophenol	9.30	196	297002	41.40	ng	#	85
45) 1,1'-Biphenyl	9.45	154	1017290	34.69	ng		96
46) 2-Chloronaphthalene	9.47	162	853234	35.62	ng		95
47) 2-Nitroaniline	9.56	65	291091	36.09	ng		94
48) Acenaphthylene	9.89	152	1467858	41.78	ng		98
49) Dimethylphthalate	9.76	163	1058323	41.02	ng		100
50) 2,6-Dinitrotoluene	9.81	165	242677	46.02	ng		93
51) Acenaphthene	10.06	154	867689	39.75	ng		96
52) 3-Nitroaniline	9.98	138	290799	44.03	ng	#	71
53) 2,4-Dinitrophenol	10.08	184	100885	41.82	ng	#	33
54) Dibenzofuran	10.24	168	1197257	40.39	ng		94
55) 4-Nitrophenol	10.13	139	212120	40.44	ng	#	62
56) 2,4-Dinitrotoluene	10.21	165	310978	44.43	ng		87
57) Fluorene	10.58	166	926176	42.14	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	229633	42.72	ng		96
59) Diethylphthalate	10.45	149	998095	40.35	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	390670	36.65	ng		93
61) 4-Nitroaniline	10.59	138	262820	39.79	ng		94
62) Azobenzene	10.73	77	1035013	36.77	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	165960	48.14	ng		87
65) n-Nitrosodiphenylamine	10.69	169	813479	40.73	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	247956	38.40	ng		98
67) Hexachlorobenzene	11.13	284	271826	41.64	ng	#	90
68) Atrazine	11.22	200	292345	42.76	ng		94
69) Pentachlorophenol	11.31	266	167083	40.03	ng		97
70) Phenanthrene	11.54	178	1319402	37.46	ng		99
71) Anthracene	11.60	178	1391402	40.42	ng		97
72) Carbazole	11.74	167	1291357	39.29	ng		99
73) Di-n-butylphthalate	12.08	149	1411420	37.56	ng		98
74) Fluoranthene	12.73	202	1400305	40.64	ng		97
76) Benzidine	12.84	184	794011	40.02	ng		97
77) Pyrene	12.96	202	1392930	35.97	ng		99
79) Butylbenzylphthalate	13.57	149	593702	37.84	ng		98
80) Benzo(a)anthracene	14.15	228	1085685	37.79	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	446215	40.91	ng	#	96
82) Chrysene	14.18	228	1040558	33.92	ng		100
83) Bis(2-ethylhexyl)phthalate	14.13	149	768949	38.92	ng		99
84) Di-n-octyl phthalate	14.75	149	1489886	41.53	ng		97
85) Indeno(1,2,3-cd)pyrene	17.11	276	871476	38.40	ng	#	94
87) Benzo(b)fluoranthene	15.20	252	1001127	36.92	ng		99
88) Benzo(k)fluoranthene	15.23	252	1002936m	44.48	ng		
89) Benzo(a)pyrene	15.56	252	925036	40.33	ng	#	96
90) Dibenzo(a,h)anthracene	17.13	278	764783	41.23	ng		96
91) Benzo(g,h,i)perylene	17.56	276	753209	40.15	ng	#	94

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

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