Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
Data File : BF092724.D
Acq On : 2 Feb 2017 1:42
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 02 03:51:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	159509	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	632666	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	326131	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	522474	20.00	ng		-0.01
75) Chrysene-d12	14.12	240	338416	20.00	ng		-0.02
86) Perylene-d12	15.59	264	301763	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	764901	82.27	ng		-0.02
7) Phenol-d6	6.59	99	1040230	86.96	ng		-0.01
23) Nitrobenzene-d5	7.52	82	922270	81.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	185089	78.47	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1514673	84.14	ng		-0.01
78) Terphenyl-d14	13.07	244	1245231	86.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	227684	45.32	ng	#	84
3) Pyridine	3.33	79	540420	42.30	ng		91
4) n-Nitrosodimethylamine	3.29	42	263519	43.93	ng		82
6) Aniline	6.61	93	675700	41.41	ng	#	43
8) 2-Chlorophenol	6.73	128	402970	39.29	ng		86
9) Benzaldehyde	6.49	77	310713	36.25	ng		90
10) Phenol	6.60	94	617671	44.13	ng		95
11) bis(2-Chloroethyl)ether	6.68	93	457151	40.92	ng		96
12) 1,3-Dichlorobenzene	6.89	146	509510	42.41	ng		97
13) 1,4-Dichlorobenzene	6.97	146	506688	41.67	ng		93
14) 1,2-Dichlorobenzene	7.12	146	455618	39.19	ng		99
15) Benzyl Alcohol	7.09	79	366812	41.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	896594	46.20	ng		98
17) 2-Methylphenol	7.21	107	356770	40.54	ng		99
18) Hexachloroethane	7.46	117	172045	41.45	ng		89
19) n-Nitroso-di-n-propylamine	7.37	70	318213	41.79	ng	#	97
20) 3+4-Methylphenols	7.37	107	454266	43.18	ng	#	88
22) Acetophenone	7.36	105	560337	38.79	ng	#	91
24) Nitrobenzene	7.54	77	527081	45.18	ng	#	85
25) Isophorone	7.77	82	902385	42.62	ng	#	92
26) 2-Nitrophenol	7.85	139	216263	39.00	ng	#	89
27) 2,4-Dimethylphenol	7.89	122	397272	40.79	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	567519	40.48	ng		99
29) 2,4-Dichlorophenol	8.10	162	373451	41.12	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	391528	40.00	ng		96
31) Naphthalene	8.26	128	1213333	37.83	ng		99
32) Benzoic acid	8.01	122	207673	39.18	ng		96
33) 4-Chloroaniline	8.32	127	519828	41.33	ng		94
34) Hexachlorobutadiene	8.37	225	195540	36.31	ng		99
35) Caprolactam	8.68	113	114793	40.18	ng	#	36
36) 4-Chloro-3-methylphenol	8.80	107	365188	38.56	ng		94
37) 2-Methylnaphthalene	8.96	142	837020	40.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	343827	37.56	ng		99
40) Hexachlorocyclopentadiene	9.10	237	153105	37.07	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	232474	38.65	ng		89
43) 2,4,5-Trichlorophenol	9.28	196	261055	39.61	ng		94
45) 1,1'-Biphenyl	9.42	154	949000	40.19	ng		98
46) 2-Chloronaphthalene	9.45	162	793034	42.93	ng		98
47) 2-Nitroaniline	9.54	65	247656	39.87	ng		88
48) Acenaphthylene	9.86	152	1166217	36.54	ng		99
49) Dimethylphthalate	9.72	163	878922	40.01	ng		99
50) 2,6-Dinitrotoluene	9.79	165	197968	41.73	ng	#	77
51) Acenaphthene	10.03	154	707538	37.08	ng		96
52) 3-Nitroaniline	9.96	138	229588	42.29	ng	#	76
53) 2,4-Dinitrophenol	10.06	184	73834	33.52	ng		94
54) Dibenzofuran	10.20	168	939134	36.80	ng		98
55) 4-Nitrophenol	10.12	139	140398	35.91	ng		89
56) 2,4-Dinitrotoluene	10.19	165	278694	44.13	ng	#	82
57) Fluorene	10.54	166	749301	38.16	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	184048	41.86	ng		98
59) Diethylphthalate	10.42	149	799068	38.60	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	366213	38.82	ng	#	75
61) 4-Nitroaniline	10.57	138	192265	34.58	ng		94
62) Azobenzene	10.70	77	956018	44.70	ng		90
64) 4,6-Dinitro-2-methylphenol	10.60	198	115536	36.98	ng		86
65) n-Nitrosodiphenylamine	10.66	169	654103	39.19	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	222541	40.77	ng	#	79
67) Hexachlorobenzene	11.09	284	197593	36.63	ng	#	76
68) Atrazine	11.18	200	191318	35.72	ng		98
69) Pentachlorophenol	11.30	266	103656	41.08	ng		97
70) Phenanthrene	11.52	178	1224793	40.92	ng		98
71) Anthracene	11.56	178	1123227	37.37	ng		99
72) Carbazole	11.72	167	1053602	36.67	ng		99
73) Di-n-butylphthalate	12.04	149	1224550	39.41	ng		98
74) Fluoranthene	12.70	202	1126533	36.49	ng		91
76) Benzidine	12.82	184	470220	32.61	ng		100
77) Pyrene	12.93	202	1160050	45.80	ng		98
79) Butylbenzylphthalate	13.54	149	459201	44.65	ng		95
80) Benzo(a)anthracene	14.11	228	801969	38.75	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	275329	37.32	ng	#	98
82) Chrysene	14.16	228	790758	40.80	ng		97
83) Bis(2-ethylhexyl)phthalate	14.10	149	627317	44.60	ng	#	98
84) Di-n-octyl phthalate	14.71	149	954770	41.69	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	810873	54.02	ng		95
87) Benzo(b)fluoranthene	15.16	252	691476	34.81	ng		99
88) Benzo(k)fluoranthene	15.20	252	722844m	42.15	ng		
89) Benzo(a)pyrene	15.53	252	688495	40.07	ng		97
90) Dibenzo(a,h)anthracene	17.08	278	694387	50.01	ng	#	95
91) Benzo(g,h,i)perylene	17.52	276	719444	51.29	ng	#	93

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

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