Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040516\
Data File : BF086081.D
Acq On : 5 Apr 2016 18:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 06 00:57:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	108038	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	456941	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	198142	20.00	ng		-0.02
63) Phenanthrene-d10	11.28	188	391877	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	257145	20.00	ng		-0.01
86) Perylene-d12	15.31	264	193525	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	552506	87.41	ng		-0.02
7) Phenol-d6	6.40	99	666115	82.97	ng		-0.02
23) Nitrobenzene-d5	7.32	82	618149	79.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	147735	79.44	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	942129	79.06	ng		-0.02
78) Terphenyl-d14	12.85	244	979896	89.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	128946	43.03	ng		99
3) Pyridine	2.97	79	290435	43.29	ng		99
4) n-Nitrosodimethylamine	2.91	42	121342	41.13	ng		99
6) Aniline	6.42	93	445284	42.27	ng	#	73
8) 2-Chlorophenol	6.53	128	310398	41.18	ng		87
9) Benzaldehyde	6.30	77	184434	42.69	ng		93
10) Phenol	6.42	94	371318	40.55	ng	#	54
11) bis(2-Chloroethyl)ether	6.50	93	294819	40.65	ng		94
12) 1,3-Dichlorobenzene	6.69	146	342347	42.85	ng	#	96
13) 1,4-Dichlorobenzene	6.77	146	342202	41.58	ng		94
14) 1,2-Dichlorobenzene	6.92	146	316066	41.72	ng		97
15) Benzyl Alcohol	6.91	79	215583	41.51	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	362918	40.96	ng		86
17) 2-Methylphenol	7.02	107	254337	42.80	ng		98
18) Hexachloroethane	7.26	117	126980	41.95	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	189402	38.06	ng	#	92
20) 3+4-Methylphenols	7.18	107	322524	44.62	ng	#	62
22) Acetophenone	7.17	105	428524	39.89	ng	#	93
24) Nitrobenzene	7.34	77	350699	41.37	ng		97
25) Isophorone	7.58	82	602011	39.36	ng		98
26) 2-Nitrophenol	7.66	139	174001	42.90	ng		94
27) 2,4-Dimethylphenol	7.71	122	304319	41.78	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	357815	39.87	ng		99
29) 2,4-Dichlorophenol	7.90	162	246018	39.95	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	270013	39.06	ng		98
31) Naphthalene	8.06	128	926530	40.31	ng		99
32) Benzoic acid	7.85	122	174904	32.73	ng		98
33) 4-Chloroaniline	8.12	127	380428	40.98	ng		100
34) Hexachlorobutadiene	8.18	225	140823	37.89	ng		98
35) Caprolactam	8.50	113	79742	40.82	ng		99
36) 4-Chloro-3-methylphenol	8.61	107	286996	41.46	ng		92
37) 2-Methylnaphthalene	8.75	142	518232	34.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	257022	43.16	ng		99
40) Hexachlorocyclopentadiene	8.91	237	59616	36.96	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	165959	43.40	ng		100
43) 2,4,5-Trichlorophenol	9.08	196	180765	46.56	ng	#	89
45) 1,1'-Biphenyl	9.22	154	716665	41.95	ng		97
46) 2-Chloronaphthalene	9.24	162	515657	41.64	ng		93
47) 2-Nitroaniline	9.34	65	162197	44.76	ng		93
48) Acenaphthylene	9.65	152	802961	40.47	ng		99
49) Dimethylphthalate	9.53	163	645043	43.92	ng		98
50) 2,6-Dinitrotoluene	9.58	165	123064	39.61	ng		87
51) Acenaphthene	9.82	154	463280	39.26	ng		99
52) 3-Nitroaniline	9.76	138	146308	39.07	ng		96
53) 2,4-Dinitrophenol	9.88	184	51961	35.40	ng	#	70
54) Dibenzofuran	10.00	168	606533	38.92	ng		97
55) 4-Nitrophenol	9.94	139	86964	39.39	ng		91
56) 2,4-Dinitrotoluene	10.00	165	163065	41.53	ng	#	57
57) Fluorene	10.34	166	520380	39.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	120162	41.57	ng		98
59) Diethylphthalate	10.22	149	621096	41.90	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	251766	40.61	ng		88
61) 4-Nitroaniline	10.37	138	152670	41.40	ng		92
62) Azobenzene	10.49	77	599269	42.21	ng		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	88936	37.45	ng	#	76
65) n-Nitrosodiphenylamine	10.45	169	451768	36.86	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	147242	36.80	ng	#	87
67) Hexachlorobenzene	10.89	284	158493	38.31	ng	#	80
68) Atrazine	10.99	200	161575	40.80	ng		94
69) Pentachlorophenol	11.09	266	68583	35.37	ng		98
70) Phenanthrene	11.30	178	781753	36.57	ng		100
71) Anthracene	11.36	178	869998	38.85	ng		99
72) Carbazole	11.52	167	733273	38.09	ng		98
73) Di-n-butylphthalate	11.84	149	868790	36.42	ng		99
74) Fluoranthene	12.49	202	855982	38.50	ng		93
76) Benzidine	12.61	184	316770	34.92	ng		99
77) Pyrene	12.72	202	868290	47.92	ng		100
79) Butylbenzylphthalate	13.33	149	368447	45.16	ng		90
80) Benzo(a)anthracene	13.91	228	610066	40.25	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	457534	41.33	ng	#	96
82) Chrysene	13.94	228	599001	41.03	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	434850	40.16	ng	#	95
84) Di-n-octyl phthalate	14.50	149	657344	38.01	ng		100
85) Indeno(1,2,3-cd)pyrene	16.67	276	512918	43.30	ng		99
87) Benzo(b)fluoranthene	14.92	252	532889m	43.77	ng		
88) Benzo(k)fluoranthene	14.95	252	394399m	36.58	ng		
89) Benzo(a)pyrene	15.25	252	439231	40.72	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	428251	49.35	ng		99
91) Benzo(g,h,i)perylene	17.07	276	438561	52.22	ng		95

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

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