Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078908.D
Acq On : 4 May 2015 9:48
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 05 10:47:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	94810	20.00	ng		-0.01
21) Naphthalene-d8	8.94	136	403690	20.00	ng		-0.01
38) Acenaphthene-d10	11.12	164	193398	20.00	ng		-0.01
63) Phenanthrene-d10	12.96	188	378214	20.00	ng		-0.01
75) Chrysene-d12	16.32	240	393851m	20.00	ng		0.02
86) Perylene-d12	18.24	264	394376	20.00	ng		0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	404590	73.46	ng		-0.02
7) Phenol-d6	6.90	99	536633	73.71	ng		-0.02
23) Nitrobenzene-d5	8.04	82	523303	74.50	ng		-0.02
41) 2,4,6-Tribromophenol	12.09	330	165616	79.16	ng		-0.02
44) 2-Fluorobiphenyl	10.28	172	1081417	77.90	ng		-0.01
78) Terphenyl-d14	14.96	244	1260335	76.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	92926	38.80	ng	#	28
3) Pyridine	3.07	79	248982	35.53	ng		99
4) n-Nitrosodimethylamine	2.99	42	116071	38.65	ng		90
6) Aniline	6.95	93	401739	39.09	ng		100
8) 2-Chlorophenol	7.08	128	238102	38.11	ng		99
9) Benzaldehyde	6.81	77	179741	36.65	ng		99
10) Phenol	6.92	94	327283	38.75	ng		92
11) bis(2-Chloroethyl)ether	7.04	93	230958	37.30	ng		97
12) 1,3-Dichlorobenzene	7.28	146	262461	37.38	ng		99
13) 1,4-Dichlorobenzene	7.38	146	277828	38.45	ng		97
14) 1,2-Dichlorobenzene	7.56	146	264348	39.30	ng		99
15) Benzyl Alcohol	7.53	79	195408	36.16	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.71	45	351385	37.10	ng		100
17) 2-Methylphenol	7.68	107	195368	38.86	ng		94
18) Hexachloroethane	7.99	117	95560	38.39	ng		96
19) n-Nitroso-di-n-propylamine	7.87	70	193842	39.42	ng	#	86
20) 3+4-Methylphenols	7.86	107	260658	38.91	ng		93
22) Acetophenone	7.86	105	330395	36.23	ng	#	95
24) Nitrobenzene	8.07	77	247509	35.55	ng		99
25) Isophorone	8.38	82	494978	38.01	ng	#	89
26) 2-Nitrophenol	8.47	139	103217	35.82	ng		95
27) 2,4-Dimethylphenol	8.52	122	219173	38.01	ng		94
28) bis(2-Chloroethoxy)methane	8.65	93	316104	39.38	ng		99
29) 2,4-Dichlorophenol	8.75	162	191038	37.26	ng		94
30) 1,2,4-Trichlorobenzene	8.87	180	215681	38.29	ng		96
31) Naphthalene	8.96	128	717102	37.28	ng		100
32) Benzoic acid	8.62	122	107414m	32.14	ng		
33) 4-Chloroaniline	9.03	127	312265	38.37	ng		97
34) Hexachlorobutadiene	9.12	225	122947	37.90	ng		100
35) Caprolactam	9.46	113	62924	37.95	ng		95
36) 4-Chloro-3-methylphenol	9.63	107	220595	40.96	ng		93
37) 2-Methylnaphthalene	9.83	142	506465	38.00	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	202385	37.16	ng	#	100
40) Hexachlorocyclopentadiene	10.01	237	100123	36.56	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	143005	38.19	ng		96
43) 2,4,5-Trichlorophenol	10.22	196	144935	38.28	ng	#	88
45) 1,1'-Biphenyl	10.41	154	583711	37.97	ng		95
46) 2-Chloronaphthalene	10.42	162	440469	36.73	ng		97
47) 2-Nitroaniline	10.55	65	133057	38.29	ng		90
48) Acenaphthylene	10.94	152	745173	37.84	ng		100
49) Dimethylphthalate	10.79	163	519759	36.62	ng		99
50) 2,6-Dinitrotoluene	10.87	165	108126	38.60	ng	#	64
51) Acenaphthene	11.15	154	457976	39.00	ng		99
52) 3-Nitroaniline	11.06	138	138290	39.52	ng	#	86
53) 2,4-Dinitrophenol	11.20	184	27629	37.08	ng	#	72
54) Dibenzofuran	11.37	168	652442	38.47	ng		99
55) 4-Nitrophenol	11.27	139	101381	36.61	ng		93
56) 2,4-Dinitrotoluene	11.36	165	153004	41.32	ng	#	70
57) Fluorene	11.79	166	524797	37.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	119836	38.74	ng	#	100
59) Diethylphthalate	11.67	149	541445	38.50	ng		97
60) 4-Chlorophenyl-phenylether	11.80	204	240728	38.98	ng		97
61) 4-Nitroaniline	11.82	138	143394	40.96	ng		94
62) Azobenzene	12.00	77	550322	39.72	ng		96
64) 4,6-Dinitro-2-methylphenol	11.86	198	50668	35.87	ng	#	65
65) n-Nitrosodiphenylamine	11.95	169	489435	38.86	ng		99
66) 4-Bromophenyl-phenylether	12.41	248	150972	38.30	ng		95
67) Hexachlorobenzene	12.47	284	166649	36.99	ng		93
68) Atrazine	12.62	200	138054	37.69	ng		98
69) Pentachlorophenol	12.72	266	87404	37.16	ng		97
70) Phenanthrene	12.99	178	799655	37.79	ng		100
71) Anthracene	13.05	178	771005	37.14	ng		100
72) Carbazole	13.26	167	732460	37.02	ng		98
73) Di-n-butylphthalate	13.70	149	924809	38.98	ng		100
74) Fluoranthene	14.47	202	824110	37.38	ng		100
76) Benzidine	14.65	184	505377	47.61	ng		98
77) Pyrene	14.75	202	860444	37.91	ng		99
79) Butylbenzylphthalate	15.60	149	385854	38.89	ng		93
80) Benzo(a)anthracene	16.31	228	821273	38.08	ng		99
81) 3,3'-Dichlorobenzidine	16.29	252	297695	38.75	ng		99
82) Chrysene	16.35	228	756877	36.49	ng		99
83) Bis(2-ethylhexyl)phthalate	16.37	149	606233	40.34	ng	#	97
84) Di-n-octyl phthalate	17.25	149	996085m	37.64	ng		
85) Indeno(1,2,3-cd)pyrene	19.77	276	990905	37.49	ng	#	100
87) Benzo(b)fluoranthene	17.74	252	893938m	41.41	ng		
88) Benzo(k)fluoranthene	17.77	252	717293	34.32	ng		99
89) Benzo(a)pyrene	18.17	252	762044	38.34	ng		99
90) Dibenzo(a,h)anthracene	19.81	278	800348	37.89	ng		97
91) Benzo(g,h,i)perylene	20.23	276	804305	37.99	ng		99

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

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