Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087051.D
Acq On : 15 May 2016 6:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 16 06:48:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	155489	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	640001	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	283992	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	518791	20.00	ng		0.00
75) Chrysene-d12	13.76	240	301924	20.00	ng		0.00
86) Perylene-d12	15.11	264	343791	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	761899	82.98	ng		0.00
7) Phenol-d6	6.28	99	916855	74.72	ng		0.00
23) Nitrobenzene-d5	7.19	82	1064539	83.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	255274	84.91	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1388484	82.17	ng		0.00
78) Terphenyl-d14	12.71	244	1195557	84.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	189529	42.05	ng	#	71
3) Pyridine	2.70	79	420975	38.20	ng	#	63
4) n-Nitrosodimethylamine	2.65	42	357166	44.70	ng	#	47
6) Aniline	6.28	93	609234	41.05	ng		90
8) 2-Chlorophenol	6.41	128	443413	40.02	ng		97
9) Benzaldehyde	6.16	77	270681	38.09	ng		98
10) Phenol	6.30	94	549355	37.67	ng	#	69
11) bis(2-Chloroethyl)ether	6.36	93	472951	41.59	ng		92
12) 1,3-Dichlorobenzene	6.55	146	453832m	37.85	ng		
13) 1,4-Dichlorobenzene	6.63	146	474641m	38.82	ng		
14) 1,2-Dichlorobenzene	6.79	146	426152	39.99	ng		98
15) Benzyl Alcohol	6.78	79	360408	42.54	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	6.90	45	948256	38.35	ng		63
17) 2-Methylphenol	6.90	107	337506	38.28	ng	#	76
18) Hexachloroethane	7.12	117	181459	39.45	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	362036	42.22	ng	#	68
20) 3+4-Methylphenols	7.06	107	465374	40.42	ng	#	62
22) Acetophenone	7.04	105	615038	40.69	ng	#	98
24) Nitrobenzene	7.21	77	532975	40.65	ng		97
25) Isophorone	7.45	82	886525	37.49	ng		97
26) 2-Nitrophenol	7.53	139	239539	41.56	ng	#	92
27) 2,4-Dimethylphenol	7.59	122	406755	41.43	ng		90
28) bis(2-Chloroethoxy)methane	7.67	93	501542	39.32	ng	#	98
29) 2,4-Dichlorophenol	7.78	162	346573	40.11	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	398103	41.20	ng		99
31) Naphthalene	7.92	128	1218547	38.01	ng		99
32) Benzoic acid	7.75	122	198440	34.41	ng		88
33) 4-Chloroaniline	7.99	127	483012	38.78	ng	#	89
34) Hexachlorobutadiene	8.04	225	234093	41.76	ng		98
35) Caprolactam	8.38	113	112270	38.19	ng	#	50
36) 4-Chloro-3-methylphenol	8.49	107	400960	38.26	ng		91
37) 2-Methylnaphthalene	8.62	142	809291	43.18	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	334434	40.50	ng		98
40) Hexachlorocyclopentadiene	8.76	237	121026	30.88	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	224317	40.63	ng		95
43) 2,4,5-Trichlorophenol	8.95	196	234306	41.03	ng	#	81
45) 1,1'-Biphenyl	9.08	154	1018788	45.10	ng		100
46) 2-Chloronaphthalene	9.11	162	751963	42.49	ng		97
47) 2-Nitroaniline	9.21	65	264566	40.90	ng	#	72
48) Acenaphthylene	9.51	152	1096334	42.12	ng		99
49) Dimethylphthalate	9.39	163	879287	40.58	ng		99
50) 2,6-Dinitrotoluene	9.46	165	193215	42.37	ng	#	65
51) Acenaphthene	9.68	154	685681	42.34	ng		98
52) 3-Nitroaniline	9.62	138	195307	40.69	ng	#	73
53) 2,4-Dinitrophenol	9.74	184	53148	28.31	ng	#	80
54) Dibenzofuran	9.85	168	858740	41.31	ng		92
55) 4-Nitrophenol	9.82	139	101413m	34.44	ng		
56) 2,4-Dinitrotoluene	9.86	165	252414	44.73	ng		87
57) Fluorene	10.19	166	684484	38.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	182430	42.44	ng		96
59) Diethylphthalate	10.09	149	920566	43.60	ng		96
60) 4-Chlorophenyl-phenylether	10.19	204	361344	47.50	ng		94
61) 4-Nitroaniline	10.24	138	172840	37.49	ng	#	67
62) Azobenzene	10.35	77	1020547	44.80	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	98796	30.65	ng	#	12
65) n-Nitrosodiphenylamine	10.32	169	706751	44.34	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	214784	40.83	ng	#	76
67) Hexachlorobenzene	10.74	284	266786	43.40	ng	#	86
68) Atrazine	10.86	200	226339	42.51	ng		95
69) Pentachlorophenol	10.95	266	97543	34.33	ng		98
70) Phenanthrene	11.15	178	1170029	42.26	ng		100
71) Anthracene	11.20	178	1059153	37.41	ng		99
72) Carbazole	11.37	167	1023438	42.05	ng		100
73) Di-n-butylphthalate	11.70	149	1257282	42.30	ng	#	98
74) Fluoranthene	12.33	202	1035880	36.38	ng		97
76) Benzidine	12.47	184	315259	40.96	ng		97
77) Pyrene	12.56	202	1084877	46.93	ng		100
79) Butylbenzylphthalate	13.19	149	445727	45.59	ng	#	76
80) Benzo(a)anthracene	13.75	228	743679	43.88	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	445265	41.35	ng		99
82) Chrysene	13.78	228	794071	46.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	534075	45.41	ng	#	96
84) Di-n-octyl phthalate	14.35	149	867014	44.50	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.37	276	920417	64.16	ng		95
87) Benzo(b)fluoranthene	14.74	252	720213m	32.23	ng		
88) Benzo(k)fluoranthene	14.77	252	749898m	40.99	ng		
89) Benzo(a)pyrene	15.06	252	763019	39.59	ng	#	97
90) Dibenzo(a,h)anthracene	16.38	278	770840	47.46	ng	#	93
91) Benzo(g,h,i)perylene	16.73	276	787350	47.71	ng		94

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

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