Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080324.D
Acq On : 3 Jul 2015 4:40
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
7/6/2015 3:33:57 PM

Quant Time: Jul 03 05:26:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 03:51:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	30467	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	120498	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	56719	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	122175	20.00	ng		-0.01
75) Chrysene-d12	14.72	240	140166	20.00	ng		-0.14
86) Perylene-d12	16.55	264	142904	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	124091	70.53	ng		0.00
7) Phenol-d6	6.84	99	168308	71.26	ng		0.00
23) Nitrobenzene-d5	7.80	82	151274	69.12	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	45660	84.54	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	324804	82.42	ng		0.00
78) Terphenyl-d14	13.47	244	440724	73.65	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	31299	148.24	ng	#	100
3) Pyridine	3.88	79	83478	38.33	ng		100
4) n-Nitrosodimethylamine	3.79	42	38384	39.57	ng		90
6) Aniline	6.90	93	117057	37.06	ng	#	89
8) 2-Chlorophenol	7.02	128	74345	38.47	ng		96
9) Benzaldehyde	6.78	77	41835	32.41	ng		96
10) Phenol	6.85	94	85154	32.60	ng		94
11) bis(2-Chloroethyl)ether	6.96	93	69777	35.31	ng		96
12) 1,3-Dichlorobenzene	7.18	146	88882	37.68	ng		98
13) 1,4-Dichlorobenzene	7.26	146	85060m	36.22	ng		
14) 1,2-Dichlorobenzene	7.41	146	86419	37.03	ng		97
15) Benzyl Alcohol	7.37	79	67386	37.06	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.50	45	105280	34.73	ng		100
17) 2-Methylphenol	7.47	107	56827	34.01	ng		96
18) Hexachloroethane	7.77	117	26154	35.67	ng	#	65
19) n-Nitroso-di-n-propylamine	7.63	70	50954	32.45	ng		93
20) 3+4-Methylphenols	7.63	107	79947	36.02	ng		88
22) Acetophenone	7.64	105	106482	37.82	ng	#	94
24) Nitrobenzene	7.81	77	80411	35.43	ng		94
25) Isophorone	8.05	82	148781	34.98	ng		95
26) 2-Nitrophenol	8.14	139	32995	33.29	ng	#	75
27) 2,4-Dimethylphenol	8.17	122	63952	35.15	ng		92
28) bis(2-Chloroethoxy)methane	8.26	93	92182	36.11	ng		98
29) 2,4-Dichlorophenol	8.37	162	57827	34.41	ng		93
30) 1,2,4-Trichlorobenzene	8.48	180	67516	34.44	ng	#	94
31) Naphthalene	8.56	128	227028	36.99	ng		99
32) Benzoic acid	8.22	122	18753	45.05	ng		93
33) 4-Chloroaniline	8.59	127	91991m	35.32	ng		
34) Hexachlorobutadiene	8.67	225	41362	33.50	ng		98
35) Caprolactam	8.92	113	18275	35.85	ng	#	87
36) 4-Chloro-3-methylphenol	9.06	107	63245	34.77	ng		92
37) 2-Methylnaphthalene	9.24	142	141180	33.59	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	67641	35.84	ng		99
40) Hexachlorocyclopentadiene	9.40	237	21016	33.13	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	41995	35.15	ng		100
43) 2,4,5-Trichlorophenol	9.56	196	52915	41.11	ng	#	92
45) 1,1'-Biphenyl	9.71	154	189317	39.25	ng		99
46) 2-Chloronaphthalene	9.74	162	139850	37.46	ng	#	90
47) 2-Nitroaniline	9.82	65	44837	41.76	ng	#	82
48) Acenaphthylene	10.16	152	242070	37.34	ng		98
49) Dimethylphthalate	10.00	163	170323	39.31	ng		99
50) 2,6-Dinitrotoluene	10.06	165	37099	41.88	ng	#	76
51) Acenaphthene	10.33	154	140282	37.58	ng		99
52) 3-Nitroaniline	10.24	138	42973	42.29	ng		87
53) 2,4-Dinitrophenol	10.34	184	11920	46.78	ng	#	1
54) Dibenzofuran	10.51	168	202012	38.34	ng	#	89
55) 4-Nitrophenol	10.38	139	29412	39.16	ng	#	70
56) 2,4-Dinitrotoluene	10.48	165	42843	37.30	ng	#	63
57) Fluorene	10.85	166	178958	40.95	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.62	232	39252	39.13	ng	#	97
59) Diethylphthalate	10.70	149	165441	40.17	ng	#	93
60) 4-Chlorophenyl-phenylether	10.84	204	72904	36.89	ng	#	82
61) 4-Nitroaniline	10.84	138	39858	38.60	ng		91
62) Azobenzene	10.99	77	154533	36.48	ng		94
64) 4,6-Dinitro-2-methylphenol	10.89	198	20686	42.82	ng	#	48
65) n-Nitrosodiphenylamine	10.94	169	137796	34.32	ng		100
66) 4-Bromophenyl-phenylether	11.33	248	48845	36.99	ng	#	93
67) Hexachlorobenzene	11.41	284	52196	36.88	ng	#	96
68) Atrazine	11.47	200	47737	39.33	ng		97
69) Pentachlorophenol	11.60	266	26500	38.28	ng		98
70) Phenanthrene	11.82	178	281581	38.47	ng		99
71) Anthracene	11.88	178	258381	36.79	ng		98
72) Carbazole	12.03	167	259087	39.45	ng		99
73) Di-n-butylphthalate	12.35	149	238804	33.89	ng		99
74) Fluoranthene	13.07	202	309065	40.87	ng		99
76) Benzidine	13.19	184	155744	37.94	ng		99
77) Pyrene	13.32	202	321270	35.81	ng		100
79) Butylbenzylphthalate	14.01	149	114559	33.30	ng	#	84
80) Benzo(a)anthracene	14.71	228	321078	37.91	ng		99
81) 3,3'-Dichlorobenzidine	14.66	252	105667	38.21	ng	#	97
82) Chrysene	14.75	228	297838	38.14	ng		98
83) Bis(2-ethylhexyl)phthalate	14.69	149	157751	32.58	ng	#	99
84) Di-n-octyl phthalate	15.48	149	262087	32.12	ng		98
85) Indeno(1,2,3-cd)pyrene	18.32	276	381332	43.43	ng		99
87) Benzo(b)fluoranthene	16.03	252	310547	34.40	ng	#	96
88) Benzo(k)fluoranthene	16.07	252	326411	38.40	ng	#	96
89) Benzo(a)pyrene	16.47	252	305348	37.12	ng		100
90) Dibenzo(a,h)anthracene	18.34	278	308557	39.98	ng		97
91) Benzo(g,h,i)perylene	18.85	276	317650	39.45	ng		100

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

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