Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080457.D
Acq On : 14 Jul 2015 9:31
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/15/2015 8:28:16 AM

Quant Time: Jul 14 12:07:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	32951	20.00	ng		-0.01
21) Naphthalene-d8	8.42	136	137283	20.00	ng		-0.01
38) Acenaphthene-d10	10.18	164	74619	20.00	ng		-0.01
63) Phenanthrene-d10	11.68	188	152038	20.00	ng		-0.01
75) Chrysene-d12	14.50	240	184231	20.00	ng		-0.03
86) Perylene-d12	16.23	264	187465	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	158772	82.57	ng		-0.02
7) Phenol-d6	6.78	99	220570	86.10	ng		-0.01
23) Nitrobenzene-d5	7.70	82	201868	83.86	ng		-0.01
41) 2,4,6-Tribromophenol	10.98	330	57415	78.84	ng		-0.01
44) 2-Fluorobiphenyl	9.49	172	417895	75.43	ng		-0.01
78) Terphenyl-d14	13.29	244	595503	70.20	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	38718	41.82	ng		98
3) Pyridine	3.78	79	88550	43.08	ng		95
4) n-Nitrosodimethylamine	3.65	42	44166	39.18	ng		97
6) Aniline	6.81	93	154102	48.24	ng	#	69
8) 2-Chlorophenol	6.93	128	89221	38.51	ng		93
9) Benzaldehyde	6.69	77	56004	39.52	ng		81
10) Phenol	6.80	94	127011	44.87	ng		94
11) bis(2-Chloroethyl)ether	6.86	93	93911	40.29	ng		96
12) 1,3-Dichlorobenzene	7.07	146	107731	41.12	ng		97
13) 1,4-Dichlorobenzene	7.15	146	120065	40.65	ng		99
14) 1,2-Dichlorobenzene	7.31	146	109699	39.20	ng		98
15) Benzyl Alcohol	7.29	79	81813	38.80	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	7.40	45	155625	46.30	ng	#	61
17) 2-Methylphenol	7.40	107	75433	37.46	ng		97
18) Hexachloroethane	7.65	117	37314	40.94	ng		96
19) n-Nitroso-di-n-propylamine	7.54	70	84368	48.12	ng	#	89
20) 3+4-Methylphenols	7.55	107	111765	44.17	ng	#	39
22) Acetophenone	7.54	105	132055	40.14	ng	#	94
24) Nitrobenzene	7.72	77	116517	43.75	ng		98
25) Isophorone	7.95	82	204356	47.37	ng		96
26) 2-Nitrophenol	8.04	139	52490	41.06	ng		93
27) 2,4-Dimethylphenol	8.08	122	91434	45.44	ng		98
28) bis(2-Chloroethoxy)methane	8.16	93	109555	41.97	ng	#	96
29) 2,4-Dichlorophenol	8.28	162	84751	45.62	ng		87
30) 1,2,4-Trichlorobenzene	8.36	180	96189	39.15	ng		99
31) Naphthalene	8.44	128	300930	40.08	ng		99
32) Benzoic acid	8.18	122	58282	41.20	ng		97
33) 4-Chloroaniline	8.50	127	123440	48.50	ng		95
34) Hexachlorobutadiene	8.56	225	56195	39.40	ng		98
35) Caprolactam	8.86	113	26149	49.22	ng	#	57
36) 4-Chloro-3-methylphenol	8.98	107	95199	48.39	ng	#	84
37) 2-Methylnaphthalene	9.14	142	193621	39.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.30	216	100627	40.30	ng		97
40) Hexachlorocyclopentadiene	9.29	237	50957	39.12	ng		98

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Quant Time: Jul 14 12:07:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	62539	43.49	ng		93
43) 2,4,5-Trichlorophenol	9.46	196	69021	44.73	ng	#	89
45) 1,1'-Biphenyl	9.60	154	259338	39.87	ng		99
46) 2-Chloronaphthalene	9.63	162	192142	40.02	ng		96
47) 2-Nitroaniline	9.73	65	61185	40.92	ng	#	84
48) Acenaphthylene	10.04	152	341538	41.59	ng		99
49) Dimethylphthalate	9.89	163	243296	43.13	ng	#	98
50) 2,6-Dinitrotoluene	9.96	165	54612	43.14	ng	#	82
51) Acenaphthene	10.21	154	216379	41.45	ng		99
52) 3-Nitroaniline	10.14	138	58755	47.54	ng		83
53) 2,4-Dinitrophenol	10.24	184	28430	51.40	ng	#	70
54) Dibenzofuran	10.38	168	288557	41.75	ng		98
55) 4-Nitrophenol	10.32	139	40465	42.88	ng	#	73
56) 2,4-Dinitrotoluene	10.36	165	70053	47.33	ng		82
57) Fluorene	10.73	166	240494	41.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.51	232	60342m	44.57	ng		
59) Diethylphthalate	10.59	149	246646	44.67	ng		95
60) 4-Chlorophenyl-phenylether	10.72	204	115125	41.04	ng		92
61) 4-Nitroaniline	10.76	138	62975	50.16	ng		85
62) Azobenzene	10.88	77	255490	42.86	ng		94
64) 4,6-Dinitro-2-methylphenol	10.77	198	41809	48.84	ng		85
65) n-Nitrosodiphenylamine	10.83	169	190066	40.10	ng		99
66) 4-Bromophenyl-phenylether	11.21	248	70181	43.31	ng	#	85
67) Hexachlorobenzene	11.28	284	62401	38.36	ng	#	56
68) Atrazine	11.36	200	71045	48.21	ng		99
69) Pentachlorophenol	11.48	266	39960	43.01	ng		98
70) Phenanthrene	11.70	178	374761	41.03	ng		99
71) Anthracene	11.74	178	356106	42.10	ng		97
72) Carbazole	11.90	167	343868	44.05	ng		98
73) Di-n-butylphthalate	12.21	149	415792	50.37	ng		100
74) Fluoranthene	12.91	202	429184	45.31	ng		98
76) Benzidine	13.04	184	187149	51.99	ng		99
77) Pyrene	13.15	202	418876	35.49	ng		100
79) Butylbenzylphthalate	13.81	149	177883	39.76	ng	#	76
80) Benzo(a)anthracene	14.49	228	451376	38.88	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	146807	42.29	ng		97
82) Chrysene	14.53	228	431104	40.32	ng		99
83) Bis(2-ethylhexyl)phthalate	14.44	149	271731	38.70	ng	#	93
84) Di-n-octyl phthalate	15.20	149	469571	37.97	ng		97
85) Indeno(1,2,3-cd)pyrene	17.88	276	523260	39.40	ng		97
87) Benzo(b)fluoranthene	15.75	252	538030	41.32	ng		99
88) Benzo(k)fluoranthene	15.78	252	365093m	34.29	ng		
89) Benzo(a)pyrene	16.16	252	440939	38.64	ng	#	96
90) Dibenzo(a,h)anthracene	17.89	278	424645	37.57	ng	#	96
91) Benzo(g,h,i)perylene	18.39	276	414331	36.90	ng		96

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

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