Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078176.D
Acq On : 2 Apr 2015 3:41
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/2/2015 5:51:39 PM

Quant Time: Apr 02 14:01:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	37140	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	158401	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	76494	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	144229	20.00	ng		0.00
75) Chrysene-d12	15.87	240	152756	20.00	ng		0.00
86) Perylene-d12	17.61	264	142858	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	184943	82.10	ng		0.00
7) Phenol-d6	6.60	99	225940	80.04	ng		0.00
23) Nitrobenzene-d5	7.72	82	204402	78.22	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	53235	83.91	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	434312	81.16	ng		0.00
78) Terphenyl-d14	14.59	244	527105	77.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	40419	39.68	ng		97
3) Pyridine	2.49	79	106938	40.08	ng		97
4) n-Nitrosodimethylamine	2.43	42	42245	41.13	ng		99
6) Aniline	6.61	93	163564	40.86	ng	#	89
8) 2-Chlorophenol	6.75	128	109109	40.96	ng		98
9) Benzaldehyde	6.46	77	77228	41.28	ng		99
10) Phenol	6.62	94	136484	40.35	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	100942	41.50	ng		99
12) 1,3-Dichlorobenzene	6.94	146	118557	40.52	ng	#	90
13) 1,4-Dichlorobenzene	7.04	146	121116	41.13	ng		99
14) 1,2-Dichlorobenzene	7.22	146	114014	41.29	ng		100
15) Benzyl Alcohol	7.22	79	80485	40.57	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.39	45	129496	39.91	ng		100
17) 2-Methylphenol	7.37	107	86029	41.60	ng		97
18) Hexachloroethane	7.64	117	40902	41.18	ng		93
19) n-Nitroso-di-n-propylamine	7.55	70	77783	41.76	ng		99
20) 3+4-Methylphenols	7.56	107	115191	41.75	ng		99
22) Acetophenone	7.54	105	147887	40.07	ng	#	99
24) Nitrobenzene	7.74	77	107792	39.46	ng		98
25) Isophorone	8.04	82	201043	40.53	ng		98
26) 2-Nitrophenol	8.13	139	53039	40.74	ng		93
27) 2,4-Dimethylphenol	8.21	122	95874	39.60	ng		97
28) bis(2-Chloroethoxy)methane	8.33	93	124125	39.03	ng		100
29) 2,4-Dichlorophenol	8.44	162	86551	39.30	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	97758	38.71	ng		99
31) Naphthalene	8.62	128	317690	38.53	ng		99
32) Benzoic acid	8.34	122	40730	37.25	ng		92
33) 4-Chloroaniline	8.70	127	138538	40.49	ng		99
34) Hexachlorobutadiene	8.78	225	54832	39.55	ng		99
35) Caprolactam	9.14	113	27468	41.78	ng	#	73
36) 4-Chloro-3-methylphenol	9.32	107	90242	40.61	ng		98
37) 2-Methylnaphthalene	9.48	142	215758	38.55	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	97117	40.97	ng		99
40) Hexachlorocyclopentadiene	9.68	237	37252	40.21	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	62366	41.72	ng		99
43) 2,4,5-Trichlorophenol	9.88	196	65410	41.89	ng		95
45) 1,1'-Biphenyl	10.06	154	259050	41.40	ng		100
46) 2-Chloronaphthalene	10.08	162	197831	40.19	ng		98
47) 2-Nitroaniline	10.21	65	50777	41.69	ng		98
48) Acenaphthylene	10.59	152	324019	40.76	ng		99
49) Dimethylphthalate	10.45	163	229251	39.89	ng		100
50) 2,6-Dinitrotoluene	10.53	165	50908	43.06	ng		90
51) Acenaphthene	10.80	154	183533	41.01	ng		99
52) 3-Nitroaniline	10.73	138	57606	42.85	ng		96
53) 2,4-Dinitrophenol	10.86	184	13382	40.34	ng		96
54) Dibenzofuran	11.01	168	274493	40.15	ng		99
55) 4-Nitrophenol	10.97	139	36895	38.75	ng		98
56) 2,4-Dinitrotoluene	11.02	165	67328	43.97	ng		96
57) Fluorene	11.44	166	223109	40.26	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	49391	42.66	ng		98
59) Diethylphthalate	11.33	149	225782	40.75	ng		100
60) 4-Chlorophenyl-phenylether	11.46	204	105900	41.54	ng		95
61) 4-Nitroaniline	11.48	138	58795	43.26	ng		98
62) Azobenzene	11.64	77	204751	40.49	ng		99
64) 4,6-Dinitro-2-methylphenol	11.53	198	26242	38.68	ng	#	49
65) n-Nitrosodiphenylamine	11.61	169	206374	41.37	ng		98
66) 4-Bromophenyl-phenylether	12.05	248	63180	41.36	ng		98
67) Hexachlorobenzene	12.11	284	67455	40.30	ng		97
68) Atrazine	12.28	200	60710	42.01	ng		98
69) Pentachlorophenol	12.36	266	26307	39.76	ng		97
70) Phenanthrene	12.63	178	336843	40.37	ng		99
71) Anthracene	12.68	178	335636	40.83	ng		99
72) Carbazole	12.90	167	306475	39.78	ng		99
73) Di-n-butylphthalate	13.36	149	361567	41.43	ng		99
74) Fluoranthene	14.09	202	354637	40.31	ng		99
76) Benzidine	14.28	184	214219	36.42	ng		99
77) Pyrene	14.37	202	376137	39.22	ng		99
79) Butylbenzylphthalate	15.21	149	152061	41.61	ng		100
80) Benzo(a)anthracene	15.86	228	349829	38.49	ng		99
81) 3,3'-Dichlorobenzidine	15.85	252	121973	40.07	ng		99
82) Chrysene	15.91	228	335501	39.29	ng		100
83) Bis(2-ethylhexyl)phthalate	15.94	149	233368	40.71	ng		99
84) Di-n-octyl phthalate	16.73	149	375887	39.94	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.93	276	384561	39.69	ng	#	86
87) Benzo(b)fluoranthene	17.16	252	335750	38.03	ng		99
88) Benzo(k)fluoranthene	17.20	252	348353m	44.40	ng		
89) Benzo(a)pyrene	17.54	252	322662	41.87	ng	#	96
90) Dibenzo(a,h)anthracene	18.96	278	310293	40.22	ng	#	96
91) Benzo(g,h,i)perylene	19.32	276	315641	40.81	ng		96

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

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