Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078719.D
Acq On : 22 Apr 2015 16:41
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/23/2015 2:14:25 PM

Quant Time: Apr 23 11:02:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	23901	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	100467	20.00	ng		0.00
38) Acenaphthene-d10	11.13	164	52234	20.00	ng		0.00
63) Phenanthrene-d10	13.86	188	106917	20.00	ng		0.00
75) Chrysene-d12	17.74	240	117180	20.00	ng		0.00
86) Perylene-d12	19.43	264	118204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.80	112	111612	76.99	ng		0.00
7) Phenol-d6	5.29	99	139901	77.01	ng		0.00
23) Nitrobenzene-d5	6.73	82	131833	79.54	ng		0.00
41) 2,4,6-Tribromophenol	12.61	330	37493	86.55	ng		0.00
44) 2-Fluorobiphenyl	9.96	172	282345	77.27	ng		0.00
78) Terphenyl-d14	16.40	244	392827	75.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.35	88	23601	36.00	ng		96
3) Pyridine	1.84	79	70271	40.92	ng	#	95
4) n-Nitrosodimethylamine	1.80	42	27466	41.56	ng		97
6) Aniline	5.28	93	100156	38.88	ng	#	86
8) 2-Chlorophenol	5.45	128	66013	38.51	ng		98
9) Benzaldehyde	5.10	77	37707	31.32	ng		99
10) Phenol	5.31	94	81932	37.64	ng		94
11) bis(2-Chloroethyl)ether	5.42	93	59853	38.23	ng		96
12) 1,3-Dichlorobenzene	5.68	146	69828	37.09	ng		98
13) 1,4-Dichlorobenzene	5.82	146	71733	37.85	ng		97
14) 1,2-Dichlorobenzene	6.04	146	66709	37.54	ng		99
15) Benzyl Alcohol	6.07	79	55167	43.21	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.31	45	76048	36.42	ng		77
17) 2-Methylphenol	6.30	107	51878	38.98	ng		96
18) Hexachloroethane	6.59	117	24923	39.00	ng	#	79
19) n-Nitroso-di-n-propylamine	6.52	70	48771	40.69	ng		94
20) 3+4-Methylphenols	6.57	107	68434	38.55	ng		96
22) Acetophenone	6.49	105	91594	39.13	ng	#	93
24) Nitrobenzene	6.76	77	68297	39.41	ng		93
25) Isophorone	7.19	82	128733	40.92	ng		94
26) 2-Nitrophenol	7.31	139	34202	41.42	ng		99
27) 2,4-Dimethylphenol	7.47	122	58153	37.87	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	74854	37.11	ng		100
29) 2,4-Dichlorophenol	7.76	162	55065	39.42	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	60105	37.53	ng		98
31) Naphthalene	7.99	128	199018	38.06	ng		99
32) Benzoic acid	7.71	122	31972m	44.73	ng		
33) 4-Chloroaniline	8.15	127	84801	39.08	ng		99
34) Hexachlorobutadiene	8.24	225	34741	39.51	ng		100
35) Caprolactam	8.78	113	19150	45.93	ng		99
36) 4-Chloro-3-methylphenol	9.11	107	59277	42.06	ng		93
37) 2-Methylnaphthalene	9.24	142	138170	38.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	61175	37.80	ng		100
40) Hexachlorocyclopentadiene	9.54	237	18727	31.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	41649	40.80	ng		98
43) 2,4,5-Trichlorophenol	9.88	196	43837	41.11	ng	#	88
45) 1,1'-Biphenyl	10.12	154	159519	37.34	ng		98
46) 2-Chloronaphthalene	10.12	162	127958	38.06	ng		98
47) 2-Nitroaniline	10.36	65	36603	44.01	ng		91
48) Acenaphthylene	10.87	152	216715	39.92	ng		100
49) Dimethylphthalate	10.78	163	158094	40.29	ng		97
50) 2,6-Dinitrotoluene	10.87	165	32244	39.94	ng	#	49
51) Acenaphthene	11.20	154	120539	39.44	ng		100
52) 3-Nitroaniline	11.14	138	39075	42.56	ng		99
53) 2,4-Dinitrophenol	11.37	184	8910	39.66	ng		97
54) Dibenzofuran	11.52	168	187230	40.11	ng		98
55) 4-Nitrophenol	11.58	139	21478	33.44	ng	#	71
56) 2,4-Dinitrotoluene	11.60	165	45661	43.67	ng	#	82
57) Fluorene	12.15	166	155927	41.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.79	232	29621	37.47	ng	#	96
59) Diethylphthalate	12.09	149	161541	42.69	ng		97
60) 4-Chlorophenyl-phenylether	12.22	204	70693	40.61	ng	#	85
61) 4-Nitroaniline	12.26	138	38594	41.59	ng		90
62) Azobenzene	12.50	77	139168	40.30	ng		93
64) 4,6-Dinitro-2-methylphenol	12.34	198	20300	39.99	ng		84
65) n-Nitrosodiphenylamine	12.46	169	138218	37.37	ng		98
66) 4-Bromophenyl-phenylether	13.11	248	43581	38.49	ng		96
67) Hexachlorobenzene	13.15	284	44654	35.99	ng		98
68) Atrazine	13.52	200	45223	42.22	ng		95
69) Pentachlorophenol	13.57	266	15202	32.71	ng		98
70) Phenanthrene	13.91	178	233865	37.81	ng		100
71) Anthracene	14.00	178	234903	38.54	ng		100
72) Carbazole	14.34	167	227914	39.91	ng		99
73) Di-n-butylphthalate	15.03	149	274692	42.46	ng		99
74) Fluoranthene	15.81	202	270347	41.45	ng		93
76) Benzidine	16.07	184	154769	34.30	ng		98
77) Pyrene	16.11	202	279127	37.95	ng		99
79) Butylbenzylphthalate	17.11	149	128100	45.69	ng	#	79
80) Benzo(a)anthracene	17.73	228	259462	37.22	ng		99
81) 3,3'-Dichlorobenzidine	17.74	252	96625	41.38	ng	#	97
82) Chrysene	17.77	228	257159	39.26	ng		99
83) Bis(2-ethylhexyl)phthalate	17.87	149	184633	41.99	ng		97
84) Di-n-octyl phthalate	18.65	149	336210	46.56	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.57	276	308364	41.49	ng	#	88
87) Benzo(b)fluoranthene	19.01	252	302101	41.35	ng	#	97
88) Benzo(k)fluoranthene	19.04	252	221192m	34.07	ng		
89) Benzo(a)pyrene	19.37	252	252191	39.56	ng		98
90) Dibenzo(a,h)anthracene	20.59	278	244173	38.25	ng		97
91) Benzo(g,h,i)perylene	20.88	276	249098	38.92	ng		99

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

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