Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081756.D
Acq On : 23 Sep 2015 5:16
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/23/2015 4:34:12 PM

Quant Time: Sep 23 07:12:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:42:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50266	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	208370	20.00	ng		0.00
38) Acenaphthene-d10	15.17	164	99004	20.00	ng		0.00
63) Phenanthrene-d10	18.68	188	194501	20.00	ng		0.00
75) Chrysene-d12	23.34	240	131936	20.00	ng		0.01
86) Perylene-d12	24.77	264	95556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	244408	75.44	ng		0.00
7) Phenol-d6	7.58	99	336953	78.57	ng		0.00
23) Nitrobenzene-d5	9.45	82	343487	79.53	ng		0.00
41) 2,4,6-Tribromophenol	17.09	330	70924	80.46	ng		0.01
44) 2-Fluorobiphenyl	13.69	172	651117	84.28	ng		0.00
78) Terphenyl-d14	22.06	244	570938	100.73	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.52	88	164114	112.79	ng	#	41
3) Pyridine	2.02	79	146209	36.44	ng	#	80
4) n-Nitrosodimethylamine	2.01	42	94838	42.55	ng	#	60
6) Aniline	7.44	93	232726	38.43	ng	#	85
8) 2-Chlorophenol	7.69	128	140770	39.43	ng	#	79
9) Benzaldehyde	7.17	77	87804	32.68	ng	#	75
10) Phenol	7.60	94	179980	36.19	ng	#	45
11) bis(2-Chloroethyl)ether	7.68	93	144277	40.21	ng	#	74
12) 1,3-Dichlorobenzene	7.99	146	149238	39.12	ng	#	91
13) 1,4-Dichlorobenzene	8.17	146	151680	39.05	ng	#	90
14) 1,2-Dichlorobenzene	8.49	146	144194	41.23	ng	#	89
15) Benzyl Alcohol	8.60	79	143159	40.69	ng	#	69
16) 2,2'-oxybis(1-Chloropropan	8.90	45	281557	40.94	ng		94
17) 2-Methylphenol	8.94	107	112812	39.60	ng	#	79
18) Hexachloroethane	9.22	117	58715	38.86	ng	#	87
19) n-Nitroso-di-n-propylamine	9.22	70	126287	43.27	ng	#	86
20) 3+4-Methylphenols	9.32	107	149553	38.94	ng		83
22) Acetophenone	9.13	105	213689	37.55	ng	#	72
24) Nitrobenzene	9.50	77	183684	40.96	ng	#	65
25) Isophorone	10.09	82	323211	40.23	ng	#	85
26) 2-Nitrophenol	10.22	139	72624	37.15	ng	#	24
27) 2,4-Dimethylphenol	10.51	122	127729	37.83	ng	#	74
28) bis(2-Chloroethoxy)methane	10.69	93	181442	39.10	ng	#	94
29) 2,4-Dichlorophenol	10.84	162	110517	37.75	ng		91
30) 1,2,4-Trichlorobenzene	10.95	180	128435	40.38	ng		97
31) Naphthalene	11.09	128	425381	38.28	ng		99
32) Benzoic acid	11.07	122	48408	21.56	ng	#	53
33) 4-Chloroaniline	11.34	127	179548	39.61	ng	#	83
34) Hexachlorobutadiene	11.44	225	82704	42.73	ng		98
35) Caprolactam	12.33	113	34593	38.52	ng	#	28
36) 4-Chloro-3-methylphenol	12.67	107	136638	41.69	ng	#	73
37) 2-Methylnaphthalene	12.75	142	294228	40.69	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	126979	40.55	ng		98
40) Hexachlorocyclopentadiene	13.12	237	30707	19.98	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	83793	38.78	ng		98
43) 2,4,5-Trichlorophenol	13.63	196	84504	38.33	ng	#	89
45) 1,1'-Biphenyl	13.89	154	352223	38.67	ng		94
46) 2-Chloronaphthalene	13.88	162	263040	39.99	ng	#	87
47) 2-Nitroaniline	14.23	65	111288	41.51	ng	#	58
48) Acenaphthylene	14.83	152	456429	39.11	ng		98
49) Dimethylphthalate	14.78	163	320829	41.71	ng	#	96
50) 2,6-Dinitrotoluene	14.88	165	65714	37.64	ng	#	56
51) Acenaphthene	15.25	154	254926	38.40	ng		91
52) 3-Nitroaniline	15.25	138	76980	38.73	ng	#	59
53) 2,4-Dinitrophenol	15.55	184	22296	29.64	ng	#	24
54) Dibenzofuran	15.67	168	382281	39.44	ng	#	84
55) 4-Nitrophenol	15.91	139	31420	25.16	ng	#	1
56) 2,4-Dinitrotoluene	15.83	165	88313	39.73	ng	#	60
57) Fluorene	16.48	166	306082	41.61	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.06	232	64523m	38.34	ng		
59) Diethylphthalate	16.47	149	346899	42.87	ng		96
60) 4-Chlorophenyl-phenylether	16.57	204	148416	43.29	ng	#	85
61) 4-Nitroaniline	16.72	138	69556	34.64	ng	#	20
62) Azobenzene	16.95	77	373977	41.57	ng		85
64) 4,6-Dinitro-2-methylphenol	16.79	198	38934	35.79	ng	#	70
65) n-Nitrosodiphenylamine	16.91	169	269145	38.03	ng		93
66) 4-Bromophenyl-phenylether	17.72	248	83428	42.42	ng	#	89
67) Hexachlorobenzene	17.77	284	85857	41.75	ng	#	92
68) Atrazine	18.31	200	80267	39.19	ng		83
69) Pentachlorophenol	18.33	266	15213	22.28	ng		98
70) Phenanthrene	18.73	178	422865	39.11	ng		98
71) Anthracene	18.86	178	423496	38.12	ng		98
72) Carbazole	19.34	167	387693	37.19	ng		97
73) Di-n-butylphthalate	20.38	149	549976	44.68	ng	#	98
74) Fluoranthene	21.36	202	435863	37.23	ng		90
76) Benzidine	21.69	184	211565	37.35	ng		97
77) Pyrene	21.72	202	419914	42.97	ng		98
79) Butylbenzylphthalate	22.75	149	207358	48.79	ng	#	71
80) Benzo(a)anthracene	23.33	228	328184	39.06	ng		97
81) 3,3'-Dichlorobenzidine	23.33	252	104198	36.76	ng	#	97
82) Chrysene	23.36	228	296975	39.43	ng		93
83) Bis(2-ethylhexyl)phthalate	23.44	149	289312	51.58	ng	#	91
84) Di-n-octyl phthalate	24.11	149	446900	48.39	ng		97
85) Indeno(1,2,3-cd)pyrene	25.80	276	220330	39.87	ng	#	84
87) Benzo(b)fluoranthene	24.43	252	297471m	43.60	ng		
88) Benzo(k)fluoranthene	24.46	252	199722m	35.28	ng		
89) Benzo(a)pyrene	24.72	252	216036	37.37	ng	#	86
90) Dibenzo(a,h)anthracene	25.81	278	188701	42.24	ng	#	80
91) Benzo(g,h,i)perylene	26.10	276	167001	39.17	ng	#	74

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

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