Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080395.D
Acq On : 8 Jul 2015 18:51
Operator : TP/UM
Sample : PB84396BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84396BS

Manual Integrations APPROVED
apatel
7/9/2015 2:19:41 PM

Quant Time: Jul 09 01:48:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 00:53:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	36900	20.00	ng		0.00
21) Naphthalene-d8	8.50	136	144752	20.00	ng		0.00
38) Acenaphthene-d10	10.26	164	70497	20.00	ng		-0.01
63) Phenanthrene-d10	11.77	188	151430	20.00	ng		-0.01
75) Chrysene-d12	14.65	240	169412	20.00	ng		-0.19
86) Perylene-d12	16.43	264	152669	20.00	ng		-0.33
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	238250	118.25	ng		0.00
7) Phenol-d6	6.82	99	301352	112.84	ng		0.00
23) Nitrobenzene-d5	7.77	82	178153	71.79	ng		0.00
41) 2,4,6-Tribromophenol	11.06	330	90823	123.12	ng		0.00
44) 2-Fluorobiphenyl	9.57	172	413096	79.08	ng		0.00
78) Terphenyl-d14	13.43	244	516337	71.09	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.99	88	28544	30.00	ng		95
3) Pyridine	3.85	79	71246	29.43	ng		95
4) n-Nitrosodimethylamine	3.74	42	41500	36.48	ng	#	93
6) Aniline	6.86	93	80679	21.82	ng		99
8) 2-Chlorophenol	6.99	128	86201	36.91	ng		97
9) Benzaldehyde	6.75	77	42714	28.76	ng		99
10) Phenol	6.83	94	108381	37.42	ng		98
11) bis(2-Chloroethyl)ether	6.92	93	75789	34.69	ng		99
12) 1,3-Dichlorobenzene	7.15	146	97016	33.84	ng		98
13) 1,4-Dichlorobenzene	7.22	146	91061m	34.01	ng		
14) 1,2-Dichlorobenzene	7.38	146	94792	34.98	ng		98
15) Benzyl Alcohol	7.33	79	75432	36.49	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.47	45	128518	36.38	ng		99
17) 2-Methylphenol	7.45	107	64426	35.59	ng		96
18) Hexachloroethane	7.72	117	29232	33.98	ng	#	61
19) n-Nitroso-di-n-propylamine	7.61	70	58928	34.00	ng		98
20) 3+4-Methylphenols	7.60	107	93123	36.91	ng		98
22) Acetophenone	7.61	105	124675	37.33	ng	#	99
24) Nitrobenzene	7.78	77	88486	35.49	ng		99
25) Isophorone	8.02	82	172129	36.03	ng		99
26) 2-Nitrophenol	8.11	139	37300	34.57	ng		99
27) 2,4-Dimethylphenol	8.13	122	82253	38.75	ng		99
28) bis(2-Chloroethoxy)methane	8.22	93	105906	35.70	ng		98
29) 2,4-Dichlorophenol	8.35	162	70817	37.58	ng		98
30) 1,2,4-Trichlorobenzene	8.44	180	73320	32.73	ng		99
31) Naphthalene	8.52	128	246948	33.26	ng		99
32) Benzoic acid	8.20	122	38837	37.24	ng		96
33) 4-Chloroaniline	8.56	127	64649m	21.84	ng		
34) Hexachlorobutadiene	8.64	225	45925	33.70	ng		98
35) Caprolactam	8.89	113	21904	37.63	ng	#	85
36) 4-Chloro-3-methylphenol	9.02	107	72302	37.18	ng		98
37) 2-Methylnaphthalene	9.21	142	165513	34.96	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	80588	36.07	ng		97
40) Hexachlorocyclopentadiene	9.37	237	63934	69.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.48	196	50813	34.53	ng		95
43) 2,4,5-Trichlorophenol	9.53	196	61589	35.90	ng		94
45) 1,1'-Biphenyl	9.68	154	230585	36.85	ng		98
46) 2-Chloronaphthalene	9.70	162	158229	33.16	ng	#	89
47) 2-Nitroaniline	9.79	65	52529	39.35	ng		90
48) Acenaphthylene	10.12	152	279465	35.19	ng		99
49) Dimethylphthalate	9.96	163	208552	36.84	ng		100
50) 2,6-Dinitrotoluene	10.03	165	46265	39.10	ng		88
51) Acenaphthene	10.29	154	177607	37.36	ng		96
52) 3-Nitroaniline	10.20	138	35593	26.69	ng		89
53) 2,4-Dinitrophenol	10.30	184	33996	67.36	ng	#	1
54) Dibenzofuran	10.46	168	242876	35.93	ng	#	87
55) 4-Nitrophenol	10.35	139	78870	80.70	ng		90
56) 2,4-Dinitrotoluene	10.44	165	57075	37.51	ng		96
57) Fluorene	10.82	166	210847	36.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.59	232	51230	37.28	ng		99
59) Diethylphthalate	10.67	149	224629	39.73	ng		99
60) 4-Chlorophenyl-phenylether	10.81	204	94734	36.78	ng		97
61) 4-Nitroaniline	10.82	138	46033	35.56	ng		92
62) Azobenzene	10.96	77	194483	36.22	ng	#	78
64) 4,6-Dinitro-2-methylphenol	10.85	198	26443	31.98	ng		90
65) n-Nitrosodiphenylamine	10.91	169	171868	35.63	ng		100
66) 4-Bromophenyl-phenylether	11.30	248	64542	37.21	ng	#	92
67) Hexachlorobenzene	11.38	284	64606	35.50	ng	#	91
68) Atrazine	11.44	200	59695	41.57	ng		98
69) Pentachlorophenol	11.56	266	65176	72.43	ng		97
70) Phenanthrene	11.79	178	326557	35.95	ng		99
71) Anthracene	11.84	178	317606	35.66	ng		100
72) Carbazole	12.00	167	283437	34.12	ng		97
73) Di-n-butylphthalate	12.32	149	348950	36.73	ng		100
74) Fluoranthene	13.03	202	359158	36.80	ng		98
76) Benzidine	13.14	184	154310	35.91	ng		98
77) Pyrene	13.28	202	380930	37.18	ng		98
79) Butylbenzylphthalate	13.95	149	154718	37.84	ng		93
80) Benzo(a)anthracene	14.64	228	362356	35.49	ng		100
81) 3,3'-Dichlorobenzidine	14.58	252	74667	22.05	ng	#	98
82) Chrysene	14.68	228	331401	34.69	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	233420	37.45	ng	#	99
84) Di-n-octyl phthalate	15.39	149	381237	37.03	ng		98
85) Indeno(1,2,3-cd)pyrene	18.18	276	359770	32.03	ng		100
87) Benzo(b)fluoranthene	15.92	252	345445	36.00	ng		98
88) Benzo(k)fluoranthene	15.95	252	317136	34.92	ng		99
89) Benzo(a)pyrene	16.35	252	319701	36.44	ng	#	98
90) Dibenzo(a,h)anthracene	18.19	278	306436	35.46	ng		99
91) Benzo(g,h,i)perylene	18.71	276	302061	34.47	ng		99

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

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