Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080941.D
Acq On : 8 Aug 2015 00:36
Operator : TP/UM
Sample : PB84904BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84904BS

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:20:04 PM

Quant Time: Aug 08 06:10:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	48438	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	177786	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	93091	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	185645	20.00	ng		0.00
75) Chrysene-d12	13.95	240	146364	20.00	ng		-0.01
86) Perylene-d12	15.36	264	134076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	288888	97.44	ng		0.02
7) Phenol-d6	6.44	99	400973	98.70	ng		0.00
23) Nitrobenzene-d5	7.37	82	230408	61.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	95024	92.91	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	426383	64.48	ng		0.00
78) Terphenyl-d14	12.91	244	476571	67.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	35848	25.49	ng		97
3) Pyridine	3.10	79	79297	19.89	ng		96
4) n-Nitrosodimethylamine	3.04	42	47363	23.27	ng		95
6) Aniline	6.46	93	98198	16.45	ng		96
8) 2-Chlorophenol	6.59	128	85169	24.83	ng		97
9) Benzaldehyde	6.35	77	84519	30.86	ng		95
10) Phenol	6.45	94	114965	23.85	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	87222	24.24	ng		97
12) 1,3-Dichlorobenzene	6.75	146	80923	22.23	ng		98
13) 1,4-Dichlorobenzene	6.82	146	78128m	20.65	ng		
14) 1,2-Dichlorobenzene	6.98	146	83301	24.36	ng		96
15) Benzyl Alcohol	6.96	79	70080	21.08	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	168484	23.27	ng		98
17) 2-Methylphenol	7.06	107	68117	23.26	ng	#	93
18) Hexachloroethane	7.32	117	33273	22.96	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	60058	20.23	ng		94
20) 3+4-Methylphenols	7.22	107	89309	24.28	ng	#	75
22) Acetophenone	7.22	105	149710	34.37	ng	#	90
24) Nitrobenzene	7.39	77	103535	26.75	ng		91
25) Isophorone	7.63	82	173202	23.96	ng		94
26) 2-Nitrophenol	7.71	139	42721	26.24	ng		88
27) 2,4-Dimethylphenol	7.74	122	75437	24.75	ng		93
28) bis(2-Chloroethoxy)methane	7.85	93	111219	25.63	ng		98
29) 2,4-Dichlorophenol	7.95	162	67919	27.11	ng		93
30) 1,2,4-Trichlorobenzene	8.03	180	64708	23.63	ng	#	93
31) Naphthalene	8.11	128	221809	22.63	ng		99
32) Benzoic acid	7.86	122	58043	31.80	ng		93
33) 4-Chloroaniline	8.17	127	60099	15.09	ng	#	93
34) Hexachlorobutadiene	8.24	225	39037	23.96	ng		97
35) Caprolactam	8.52	113	29540	32.78	ng	#	87
36) 4-Chloro-3-methylphenol	8.65	107	81238	26.58	ng		97
37) 2-Methylnaphthalene	8.81	142	164420	26.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	73552	25.63	ng		97
40) Hexachlorocyclopentadiene	8.97	237	81221	51.87	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	46235	21.98	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	46752	22.06	ng	#	74
45) 1,1'-Biphenyl	9.26	154	226431	28.34	ng		96
46) 2-Chloronaphthalene	9.29	162	137738	22.11	ng		92
47) 2-Nitroaniline	9.39	65	60750	24.32	ng	#	78
48) Acenaphthylene	9.71	152	242931	22.43	ng		98
49) Dimethylphthalate	9.57	163	186612	24.13	ng		99
50) 2,6-Dinitrotoluene	9.63	165	39369	24.64	ng	#	78
51) Acenaphthene	9.88	154	177919	26.83	ng		98
52) 3-Nitroaniline	9.79	138	27769	14.10	ng		87
53) 2,4-Dinitrophenol	9.90	184	51592	55.22	ng		95
54) Dibenzofuran	10.05	168	223862	24.96	ng		96
55) 4-Nitrophenol	9.96	139	83737	56.80	ng		94
56) 2,4-Dinitrotoluene	10.03	165	53655	25.10	ng		85
57) Fluorene	10.38	166	161198	23.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	44006	26.23	ng		95
59) Diethylphthalate	10.27	149	188135	23.37	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	77778	23.01	ng		96
61) 4-Nitroaniline	10.41	138	48001	23.69	ng		96
62) Azobenzene	10.54	77	222625	24.73	ng		97
64) 4,6-Dinitro-2-methylphenol	10.43	198	25398	22.08	ng	#	45
65) n-Nitrosodiphenylamine	10.50	169	144431	22.39	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	50048	25.45	ng	#	89
67) Hexachlorobenzene	10.93	284	48006	21.96	ng	#	63
68) Atrazine	11.04	200	65872	34.83	ng		94
69) Pentachlorophenol	11.13	266	63047	49.60	ng		99
70) Phenanthrene	11.34	178	239497	22.78	ng		99
71) Anthracene	11.40	178	278959	26.80	ng		99
72) Carbazole	11.55	167	233728	23.07	ng	#	97
73) Di-n-butylphthalate	11.89	149	330357	26.07	ng		98
74) Fluoranthene	12.53	202	276095	24.30	ng		96
76) Benzidine	12.66	184	178627	24.35	ng		97
77) Pyrene	12.76	202	288849	26.71	ng		98
79) Butylbenzylphthalate	13.38	149	135933	26.08	ng	#	63
80) Benzo(a)anthracene	13.94	228	231735	25.07	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	68273	20.30	ng	#	95
82) Chrysene	13.97	228	212553	24.01	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	180255	24.85	ng	#	94
84) Di-n-octyl phthalate	14.56	149	338119	27.50	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	192219	22.82	ng		98
87) Benzo(b)fluoranthene	14.96	252	212341m	22.78	ng		
88) Benzo(k)fluoranthene	14.98	252	208707m	25.59	ng		
89) Benzo(a)pyrene	15.30	252	196800	24.56	ng		97
90) Dibenzo(a,h)anthracene	16.73	278	163048	23.01	ng		96
91) Benzo(g,h,i)perylene	17.12	276	164525	23.87	ng		97

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

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