Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
Data File : BF077210.D
Acq On : 6 Feb 2015 19:45
Operator : TP/IZ
Sample : PB81634BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Manual Integrations APPROVED
apatel
2/9/2015 1:35:46 PM

Quant Time: Feb 09 11:56:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 06 23:44:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29589	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	121230	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	58768	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	112896	20.00	ng		0.00
75) Chrysene-d12	21.05	240	110974	20.00	ng		0.00
86) Perylene-d12	22.68	264	95803	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.66	112	135677	75.39	ng		0.00
7) Phenol-d6	7.05	99	171431	75.51	ng		0.00
23) Nitrobenzene-d5	8.96	82	155760	71.18	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	40699	85.32	ng		0.00
44) 2-Fluorobiphenyl	13.21	172	326119	84.45	ng		0.00
78) Terphenyl-d14	19.79	244	360877	74.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.10	88	19818	25.72	ng	#	82
3) Pyridine	1.54	79	54559	27.36	ng		99
4) n-Nitrosodimethylamine	1.50	42	24008	24.31	ng		93
6) Aniline	6.93	93	41934	13.35	ng		96
8) 2-Chlorophenol	7.17	128	58704	28.30	ng		95
10) Phenol	7.08	94	64035	26.56	ng		95
11) bis(2-Chloroethyl)ether	7.18	93	55159	29.24	ng		88
12) 1,3-Dichlorobenzene	7.48	146	64673	27.40	ng		93
13) 1,4-Dichlorobenzene	7.68	146	65999	26.37	ng		98
14) 1,2-Dichlorobenzene	8.00	146	63200	27.40	ng		94
15) Benzyl Alcohol	8.10	79	51976	28.29	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	74241	29.28	ng		87
17) 2-Methylphenol	8.45	107	45040	26.56	ng		97
18) Hexachloroethane	8.74	117	24730	28.41	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	42961	27.03	ng		98
20) 3+4-Methylphenols	8.84	107	54753	24.39	ng		89
22) Acetophenone	8.65	105	86844	29.25	ng		99
24) Nitrobenzene	8.99	77	59163	26.54	ng		98
25) Isophorone	9.60	82	111903	28.08	ng	#	95
26) 2-Nitrophenol	9.73	139	27143	24.67	ng	#	80
27) 2,4-Dimethylphenol	10.02	122	50087	29.06	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	71518	31.57	ng		98
29) 2,4-Dichlorophenol	10.35	162	40681	25.32	ng		94
30) 1,2,4-Trichlorobenzene	10.47	180	50723	28.42	ng		94
31) Naphthalene	10.60	128	179030	28.68	ng		97
32) Benzoic acid	10.55	122	8647m	9.05	ng		
33) 4-Chloroaniline	10.87	127	33469	13.27	ng		96
34) Hexachlorobutadiene	10.97	225	30187	28.51	ng		98
35) Caprolactam	11.71	113	13401m	28.33	ng		
36) 4-Chloro-3-methylphenol	12.17	107	50466	27.43	ng		95
37) 2-Methylnaphthalene	12.26	142	126812	29.75	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	48099	33.10	ng		97
40) Hexachlorocyclopentadiene	12.64	237	44508	58.23	ng		99
42) 2,4,6-Trichlorophenol	13.01	196	30606	28.91	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.12	196	25860	23.95	ng	#	90
45) 1,1'-Biphenyl	13.40	154	150019	34.43	ng		96
46) 2-Chloronaphthalene	13.38	162	117573	32.79	ng		98
47) 2-Nitroaniline	13.73	65	35545	32.68	ng		98
48) Acenaphthylene	14.33	152	193274	31.96	ng		99
49) Dimethylphthalate	14.29	163	143368	34.40	ng		99
50) 2,6-Dinitrotoluene	14.39	165	28806	34.59	ng		97
51) Acenaphthene	14.75	154	108474	31.62	ng		96
52) 3-Nitroaniline	14.74	138	21657	20.98	ng		91
53) 2,4-Dinitrophenol	15.04	184	12476	38.99	ng		89
54) Dibenzofuran	15.17	168	173917	34.80	ng		99
55) 4-Nitrophenol	15.36	139	28672	43.89	ng		88
56) 2,4-Dinitrotoluene	15.32	165	40306	32.98	ng	#	92
57) Fluorene	15.94	166	139641	32.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	22065	28.07	ng	#	92
59) Diethylphthalate	15.95	149	150722	35.78	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	59248	34.20	ng		95
61) 4-Nitroaniline	16.10	138	28111	27.41	ng		93
62) Azobenzene	16.33	77	155453	35.42	ng		97
64) 4,6-Dinitro-2-methylphenol	16.18	198	15839	23.63	ng		78
65) n-Nitrosodiphenylamine	16.29	169	117036	29.07	ng		97
66) 4-Bromophenyl-phenylether	16.91	248	34222	29.92	ng	#	88
67) Hexachlorobenzene	16.92	284	34822	28.89	ng		91
68) Atrazine	17.30	200	40457	33.12	ng		94
69) Pentachlorophenol	17.30	266	22117	43.46	ng		96
70) Phenanthrene	17.57	178	202348	28.74	ng		99
71) Anthracene	17.65	178	203640	29.66	ng		98
72) Carbazole	17.95	167	194332	29.18	ng		98
73) Di-n-butylphthalate	18.55	149	253495	32.89	ng		99
74) Fluoranthene	19.23	202	216945	30.07	ng		98
76) Benzidine	19.48	184	84799	23.88	ng		98
77) Pyrene	19.51	202	221810	29.16	ng		100
79) Butylbenzylphthalate	20.45	149	109994	31.93	ng		96
80) Benzo(a)anthracene	21.04	228	196654	28.24	ng		99
81) 3,3'-Dichlorobenzidine	21.05	252	42492	19.20	ng	#	94
82) Chrysene	21.08	228	187216	29.49	ng		98
83) Bis(2-ethylhexyl)phthalate	21.20	149	157659	33.08	ng		97
84) Di-n-octyl phthalate	21.95	149	269517	32.58	ng		99
85) Indeno(1,2,3-cd)pyrene	23.76	276	187501	27.86	ng	#	83
87) Benzo(b)fluoranthene	22.28	252	193758	30.03	ng	#	93
88) Benzo(k)fluoranthene	22.31	252	169387m	30.05	ng		
89) Benzo(a)pyrene	22.63	252	174789	30.71	ng		98
90) Dibenzo(a,h)anthracene	23.78	278	155299	29.74	ng	#	95
91) Benzo(g,h,i)perylene	24.02	276	154079	29.68	ng		97

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

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