Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078202.D
Acq On : 2 Apr 2015 16:24
Operator : TP/IZ
Sample : PB82420BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Manual Integrations APPROVED
apatel
4/6/2015 12:05:35 PM

Quant Time: Apr 03 01:48:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 00:57:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	37448	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	153058	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	77345	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	146820	20.00	ng		0.00
75) Chrysene-d12	15.86	240	151100	20.00	ng		-0.02
86) Perylene-d12	17.54	264	140959	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	271959	119.74	ng		0.01
7) Phenol-d6	6.60	99	329347	115.71	ng		0.00
23) Nitrobenzene-d5	7.71	82	191326	75.77	ng		-0.01
41) 2,4,6-Tribromophenol	11.73	330	82505	128.62	ng		-0.01
44) 2-Fluorobiphenyl	9.94	172	421613	77.92	ng		0.00
78) Terphenyl-d14	14.58	244	496132	74.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	27063	26.35	ng		92
3) Pyridine	2.52	79	81169	30.17	ng		97
4) n-Nitrosodimethylamine	2.45	42	39789m	38.42	ng		
6) Aniline	6.60	93	73521	18.21	ng	#	81
8) 2-Chlorophenol	6.75	128	99943	37.21	ng		98
10) Phenol	6.62	94	116928	34.28	ng		98
11) bis(2-Chloroethyl)ether	6.72	93	92451	37.69	ng		99
12) 1,3-Dichlorobenzene	6.93	146	102965	34.90	ng		97
13) 1,4-Dichlorobenzene	7.04	146	106907	36.00	ng		97
14) 1,2-Dichlorobenzene	7.22	146	99794	35.84	ng		98
15) Benzyl Alcohol	7.21	79	74687	37.34	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.39	45	122951	37.58	ng		99
17) 2-Methylphenol	7.37	107	79457	38.11	ng		98
18) Hexachloroethane	7.63	117	35922	35.87	ng	#	73
19) n-Nitroso-di-n-propylamine	7.54	70	65013	34.62	ng	#	86
20) 3+4-Methylphenols	7.56	107	104147	37.44	ng		99
22) Acetophenone	7.53	105	130377	36.56	ng	#	89
24) Nitrobenzene	7.73	77	93360	35.37	ng	#	80
25) Isophorone	8.04	82	175785	36.68	ng		99
26) 2-Nitrophenol	8.13	139	49201	39.11	ng		98
27) 2,4-Dimethylphenol	8.21	122	87343	37.34	ng		100
28) bis(2-Chloroethoxy)methane	8.33	93	116899	38.04	ng		99
29) 2,4-Dichlorophenol	8.44	162	80845	37.99	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	83996	34.42	ng		98
31) Naphthalene	8.62	128	284070	35.66	ng		99
32) Benzoic acid	8.34	122	34076	33.03	ng		95
33) 4-Chloroaniline	8.70	127	66316	20.06	ng		99
34) Hexachlorobutadiene	8.77	225	47262	35.28	ng		96
35) Caprolactam	9.13	113	23379	36.80	ng		95
36) 4-Chloro-3-methylphenol	9.32	107	83588	38.93	ng		99
37) 2-Methylnaphthalene	9.48	142	203035	37.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	83161	34.70	ng		97
40) Hexachlorocyclopentadiene	9.66	237	77675	75.69	ng		97
42) 2,4,6-Trichlorophenol	9.84	196	56596	37.45	ng		100

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Quant Time: Apr 03 01:48:19 2015
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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	9.89	196	57968	36.71	ng	#	83
45) 1,1'-Biphenyl	10.07	154	233544	36.91	ng		100
46) 2-Chloronaphthalene	10.08	162	185136	37.19	ng		99
47) 2-Nitroaniline	10.21	65	48543	39.42	ng		87
48) Acenaphthylene	10.58	152	290284	36.11	ng		98
49) Dimethylphthalate	10.45	163	207627	35.73	ng		98
50) 2,6-Dinitrotoluene	10.52	165	45468	38.03	ng	#	47
51) Acenaphthene	10.80	154	166843	36.87	ng		99
52) 3-Nitroaniline	10.73	138	39027	28.71	ng		93
53) 2,4-Dinitrophenol	10.87	184	27685	65.60	ng		93
54) Dibenzofuran	11.01	168	260049	37.62	ng		99
55) 4-Nitrophenol	10.97	139	66774	67.17	ng		99
56) 2,4-Dinitrotoluene	11.03	165	63724	41.16	ng		89
57) Fluorene	11.44	166	218190	38.94	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	48192	41.17	ng		98
59) Diethylphthalate	11.33	149	213208	38.05	ng		99
60) 4-Chlorophenyl-phenylether	11.45	204	96289	37.36	ng	#	77
61) 4-Nitroaniline	11.48	138	50867	37.02	ng		92
62) Azobenzene	11.64	77	200542	39.22	ng		96
64) 4,6-Dinitro-2-methylphenol	11.52	198	22211	33.60	ng		85
65) n-Nitrosodiphenylamine	11.60	169	177217	34.89	ng		100
66) 4-Bromophenyl-phenylether	12.05	248	58927	37.90	ng		93
67) Hexachlorobenzene	12.11	284	61877	36.32	ng	#	90
68) Atrazine	12.28	200	57703	39.23	ng		98
69) Pentachlorophenol	12.36	266	51939	69.83	ng		99
70) Phenanthrene	12.63	178	311268	36.65	ng		100
71) Anthracene	12.68	178	312564	37.35	ng		99
72) Carbazole	12.90	167	295568	37.69	ng		99
73) Di-n-butylphthalate	13.36	149	334490	37.65	ng		99
74) Fluoranthene	14.09	202	334588	37.36	ng		95
76) Benzidine	14.28	184	145227	24.96	ng		99
77) Pyrene	14.36	202	345724	36.45	ng		98
79) Butylbenzylphthalate	15.21	149	147496	40.80	ng		85
80) Benzo(a)anthracene	15.85	228	326183	36.28	ng		99
81) 3,3'-Dichlorobenzidine	15.84	252	59035	19.61	ng	#	98
82) Chrysene	15.89	228	308368	36.51	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	222455	39.23	ng		99
84) Di-n-octyl phthalate	16.71	149	376166	40.40	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.84	276	346020	36.10	ng	#	86
87) Benzo(b)fluoranthene	17.12	252	325780	37.40	ng		99
88) Benzo(k)fluoranthene	17.14	252	307892m	39.77	ng		
89) Benzo(a)pyrene	17.48	252	306757	40.35	ng		100
90) Dibenzo(a,h)anthracene	18.87	278	271858	35.71	ng		99
91) Benzo(g,h,i)perylene	19.22	276	279731	36.65	ng		97

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

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