Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
Data File : BF077204.D
Acq On : 6 Feb 2015 16:18
Operator : TP/IZ
Sample : PB81636BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Manual Integrations APPROVED
apatel
2/9/2015 1:35:38 PM

Quant Time: Feb 09 11:10:38 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 22:52:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	27536	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	121374	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	58821	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	114101	20.00	ng		0.00
75) Chrysene-d12	21.05	240	110379	20.00	ng		0.00
86) Perylene-d12	22.74	264	95297	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.66	112	177851	106.19	ng		0.00
7) Phenol-d6	7.06	99	224246	106.14	ng		0.00
23) Nitrobenzene-d5	8.96	82	142782	65.17	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	54719	114.60	ng		0.00
44) 2-Fluorobiphenyl	13.21	172	292154	75.59	ng		0.00
78) Terphenyl-d14	19.79	244	330192	68.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.10	88	19689	27.46	ng		97
3) Pyridine	1.55	79	54606	29.43	ng		90
4) n-Nitrosodimethylamine	1.50	42	26313	28.63	ng	#	98
6) Aniline	6.94	93	45682	15.62	ng		98
8) 2-Chlorophenol	7.17	128	65187	33.76	ng		97
9) Benzaldehyde	6.69	77	4896	2.98	ng	#	83
10) Phenol	7.08	94	72205	32.18	ng		90
11) bis(2-Chloroethyl)ether	7.20	93	58640	33.41	ng	#	75
12) 1,3-Dichlorobenzene	7.48	146	68101	31.00	ng		91
13) 1,4-Dichlorobenzene	7.68	146	73189	31.42	ng		95
14) 1,2-Dichlorobenzene	8.00	146	69492	32.38	ng		96
15) Benzyl Alcohol	8.10	79	56621	33.12	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	79180	33.56	ng		92
17) 2-Methylphenol	8.45	107	50300	31.88	ng		97
18) Hexachloroethane	8.74	117	27648	34.13	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	49189	33.26	ng		98
20) 3+4-Methylphenols	8.84	107	59652	28.55	ng		98
22) Acetophenone	8.65	105	96244	32.37	ng		99
24) Nitrobenzene	9.00	77	69356	31.08	ng		98
25) Isophorone	9.60	82	126303	31.66	ng		99
26) 2-Nitrophenol	9.74	139	32780	29.39	ng		95
27) 2,4-Dimethylphenol	10.03	122	55525	32.17	ng		94
28) bis(2-Chloroethoxy)methane	10.22	93	76880	33.90	ng		98
29) 2,4-Dichlorophenol	10.35	162	46260	28.76	ng		94
30) 1,2,4-Trichlorobenzene	10.46	180	59293	33.19	ng		99
31) Naphthalene	10.60	128	196981	31.52	ng		97
32) Benzoic acid	10.45	122	6672	6.98	ng	#	72
33) 4-Chloroaniline	10.86	127	40634	16.09	ng		96
34) Hexachlorobutadiene	10.97	225	32540	30.70	ng		89
35) Caprolactam	11.72	113	15136m	31.96	ng		
36) 4-Chloro-3-methylphenol	12.17	107	57919	31.45	ng		92
37) 2-Methylnaphthalene	12.26	142	136712	32.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	53912	37.07	ng		98
40) Hexachlorocyclopentadiene	12.65	237	50243	65.08	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	35359	33.37	ng		98
43) 2,4,5-Trichlorophenol	13.12	196	29270	27.08	ng	#	89
45) 1,1'-Biphenyl	13.40	154	163653	37.53	ng		97
46) 2-Chloronaphthalene	13.38	162	128229	35.73	ng		98
47) 2-Nitroaniline	13.73	65	38986	35.81	ng		92
48) Acenaphthylene	14.33	152	204952	33.86	ng		99
49) Dimethylphthalate	14.29	163	155276	37.22	ng		98
50) 2,6-Dinitrotoluene	14.39	165	32738	39.28	ng		99
51) Acenaphthene	14.75	154	120544	35.10	ng		97
52) 3-Nitroaniline	14.74	138	24163	23.18	ng		82
53) 2,4-Dinitrophenol	15.03	184	14306	42.96	ng	#	87
54) Dibenzofuran	15.17	168	188701	37.72	ng		98
55) 4-Nitrophenol	15.35	139	33130	50.67	ng		97
56) 2,4-Dinitrotoluene	15.32	165	45727	37.10	ng		91
57) Fluorene	15.94	166	158721	37.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	26156	33.24	ng	#	88
59) Diethylphthalate	15.95	149	171261	40.62	ng		99
60) 4-Chlorophenyl-phenylether	16.04	204	65815	37.95	ng	#	85
61) 4-Nitroaniline	16.10	138	30579	29.67	ng		94
62) Azobenzene	16.33	77	172864	39.35	ng		95
64) 4,6-Dinitro-2-methylphenol	16.18	198	18128	26.32	ng		92
65) n-Nitrosodiphenylamine	16.29	169	132173	32.49	ng		97
66) 4-Bromophenyl-phenylether	16.91	248	39473	34.15	ng	#	86
67) Hexachlorobenzene	16.92	284	40545	33.28	ng		93
68) Atrazine	17.30	200	45102	36.53	ng		98
69) Pentachlorophenol	17.30	266	26100	49.59	ng		94
70) Phenanthrene	17.57	178	226381	31.82	ng		100
71) Anthracene	17.65	178	220510	31.78	ng		98
72) Carbazole	17.95	167	215038	31.95	ng		98
73) Di-n-butylphthalate	18.55	149	276926	35.55	ng		99
74) Fluoranthene	19.23	202	231268	31.72	ng		98
76) Benzidine	19.48	184	99358	28.13	ng		98
77) Pyrene	19.52	202	245766	32.49	ng		99
79) Butylbenzylphthalate	20.45	149	124293	36.28	ng		93
80) Benzo(a)anthracene	21.04	228	217088	31.35	ng		99
81) 3,3'-Dichlorobenzidine	21.06	252	52693	23.94	ng	#	96
82) Chrysene	21.08	228	207857	32.91	ng		98
83) Bis(2-ethylhexyl)phthalate	21.20	149	177689	37.49	ng	#	95
84) Di-n-octyl phthalate	21.97	149	311754	37.89	ng		99
85) Indeno(1,2,3-cd)pyrene	23.91	276	206457	30.85	ng	#	84
87) Benzo(b)fluoranthene	22.32	252	202076	31.48	ng	#	96
88) Benzo(k)fluoranthene	22.35	252	198210m	35.35	ng		
89) Benzo(a)pyrene	22.68	252	195354	34.51	ng		98
90) Dibenzo(a,h)anthracene	23.93	278	172073	33.12	ng	#	93
91) Benzo(g,h,i)perylene	24.18	276	177924	34.45	ng		97

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

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