Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
Data File : BF077421.D
Acq On : 24 Feb 2015 17:53
Operator : IZ / TP
Sample : PB81861BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 25 01:20:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 25 00:25:01 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	73803	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	293489	20.00	ng		-0.01
38) Acenaphthene-d10	11.05	164	148269	20.00	ng		-0.01
63) Phenanthrene-d10	12.90	188	298218	20.00	ng		0.00
75) Chrysene-d12	16.19	240	320815	20.00	ng		-0.03
86) Perylene-d12	17.95	264	316660	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	286162	64.73	ng		0.00
7) Phenol-d6	6.85	99	370926	65.26	ng		-0.01
23) Nitrobenzene-d5	8.00	82	265319	56.22	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	96402	67.53	ng		-0.01
44) 2-Fluorobiphenyl	10.22	172	614062	64.58	ng		0.00
78) Terphenyl-d14	14.89	244	730624	53.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	52941	28.22	ng		95
3) Pyridine	3.00	79	138067	25.73	ng		97
4) n-Nitrosodimethylamine	2.92	42	66725	28.60	ng		98
6) Aniline	6.89	93	124764	15.88	ng		99
8) 2-Chlorophenol	7.02	128	169300	32.46	ng		100
10) Phenol	6.86	94	206724	30.65	ng		95
11) bis(2-Chloroethyl)ether	6.99	93	153576	31.69	ng		99
12) 1,3-Dichlorobenzene	7.22	146	177560	31.27	ng		99
13) 1,4-Dichlorobenzene	7.32	146	183139	31.70	ng		99
14) 1,2-Dichlorobenzene	7.50	146	177856	32.36	ng		99
15) Benzyl Alcohol	7.48	79	139311	32.24	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.66	45	210153	30.34	ng		99
17) 2-Methylphenol	7.62	107	133049	32.64	ng		97
18) Hexachloroethane	7.93	117	61059	31.64	ng		99
19) n-Nitroso-di-n-propylamine	7.81	70	113726	31.51	ng		99
20) 3+4-Methylphenols	7.81	107	173939	32.40	ng		92
22) Acetophenone	7.80	105	219392	31.78	ng	#	95
24) Nitrobenzene	8.02	77	168952	34.03	ng		99
25) Isophorone	8.32	82	304946	32.57	ng		99
26) 2-Nitrophenol	8.41	139	76902	37.79	ng		99
27) 2,4-Dimethylphenol	8.46	122	146534	32.18	ng		96
28) bis(2-Chloroethoxy)methane	8.59	93	186064	31.46	ng		98
29) 2,4-Dichlorophenol	8.70	162	146353	34.24	ng		95
30) 1,2,4-Trichlorobenzene	8.81	180	149175	31.75	ng		99
31) Naphthalene	8.91	128	484022	32.98	ng		98
32) Benzoic acid	8.56	122	80828	36.53	ng		98
33) 4-Chloroaniline	8.98	127	118009	18.08	ng		97
34) Hexachlorobutadiene	9.06	225	84775	31.60	ng		99
35) Caprolactam	9.39	113	43476	33.32	ng		94
36) 4-Chloro-3-methylphenol	9.57	107	139183	32.39	ng		92
37) 2-Methylnaphthalene	9.77	142	342817	32.89	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.97	216	152554	35.86	ng		99
40) Hexachlorocyclopentadiene	9.96	237	155217	68.04	ng		99
42) 2,4,6-Trichlorophenol	10.11	196	104720	37.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.16	196	113278	37.60	ng	#	94
45) 1,1'-Biphenyl	10.35	154	397967	35.43	ng		99
46) 2-Chloronaphthalene	10.36	162	317990	36.09	ng		100
47) 2-Nitroaniline	10.49	65	83965	38.72	ng		96
48) Acenaphthylene	10.88	152	515748	36.98	ng		100
49) Dimethylphthalate	10.73	163	357928	34.34	ng		99
50) 2,6-Dinitrotoluene	10.81	165	79470	38.02	ng		96
51) Acenaphthene	11.09	154	309182	37.15	ng		98
52) 3-Nitroaniline	11.00	138	72799	30.21	ng		97
53) 2,4-Dinitrophenol	11.14	184	50113	78.80	ng		99
54) Dibenzofuran	11.31	168	473569	36.85	ng		98
55) 4-Nitrophenol	11.21	139	139189	71.81	ng	#	66
56) 2,4-Dinitrotoluene	11.30	165	111296	39.41	ng		100
57) Fluorene	11.73	166	369787	36.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.46	232	92835	38.33	ng		98
59) Diethylphthalate	11.61	149	353663	34.42	ng		99
60) 4-Chlorophenyl-phenylether	11.74	204	174425	35.24	ng		96
61) 4-Nitroaniline	11.76	138	86915	37.63	ng		94
62) Azobenzene	11.94	77	343228	35.21	ng		96
64) 4,6-Dinitro-2-methylphenol	11.79	198	33808	29.93	ng	#	28
65) n-Nitrosodiphenylamine	11.89	169	318992	32.24	ng		98
66) 4-Bromophenyl-phenylether	12.35	248	110855	31.74	ng		95
67) Hexachlorobenzene	12.41	284	117607	31.38	ng	#	90
68) Atrazine	12.56	200	99866	31.04	ng		98
69) Pentachlorophenol	12.66	266	136580	69.33	ng		99
70) Phenanthrene	12.92	178	554048	32.05	ng		100
71) Anthracene	12.99	178	580658	33.85	ng		99
72) Carbazole	13.20	167	534009	32.74	ng		98
73) Di-n-butylphthalate	13.64	149	581411	30.36	ng		98
74) Fluoranthene	14.41	202	617871	32.72	ng		95
76) Benzidine	14.58	184	293954	27.12	ng		98
77) Pyrene	14.68	202	648454	33.04	ng		100
79) Butylbenzylphthalate	15.52	149	255757	31.68	ng		91
80) Benzo(a)anthracene	16.18	228	609835	32.43	ng		99
81) 3,3'-Dichlorobenzidine	16.16	252	141835	20.59	ng		97
82) Chrysene	16.23	228	571883	32.39	ng		100
83) Bis(2-ethylhexyl)phthalate	16.24	149	350612	27.08	ng	#	97
84) Di-n-octyl phthalate	17.05	149	615487	28.47	ng		98
85) Indeno(1,2,3-cd)pyrene	19.44	276	680076m	33.78	ng		
87) Benzo(b)fluoranthene	17.49	252	627216	34.06	ng	#	95
88) Benzo(k)fluoranthene	17.53	252	564760	31.30	ng		100
89) Benzo(a)pyrene	17.89	252	592415	33.78	ng	#	97
90) Dibenzo(a,h)anthracene	19.47	278	557755	33.35	ng	#	96
91) Benzo(g,h,i)perylene	19.87	276	577881	34.23	ng		97

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

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