Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077962.D
Acq On : 25 Mar 2015 20:22
Operator : TP/IZ
Sample : PB82321BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82321BS

Quant Time: Mar 26 04:08:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43340	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	182584	20.00	ng		0.00
38) Acenaphthene-d10	10.84	164	95548	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	187382	20.00	ng		-0.01
75) Chrysene-d12	15.99	240	211489	20.00	ng		0.01
86) Perylene-d12	17.81	264	201337	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	248394	100.04	ng		0.00
7) Phenol-d6	6.67	99	300191	97.86	ng		0.00
23) Nitrobenzene-d5	7.79	82	175731	63.09	ng		0.00
41) 2,4,6-Tribromophenol	11.83	330	82305	90.03	ng		0.00
44) 2-Fluorobiphenyl	10.02	172	406886	62.58	ng		0.00
78) Terphenyl-d14	14.67	244	497381	57.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	29595	26.25	ng	#	100
3) Pyridine	2.64	79	78756	26.00	ng		92
4) n-Nitrosodimethylamine	2.57	42	32722	24.81	ng		97
6) Aniline	6.68	93	68880	15.70	ng	#	47
8) 2-Chlorophenol	6.83	128	94385	31.94	ng		88
9) Benzaldehyde	6.53	77	4162	3.31	ng		88
10) Phenol	6.69	94	115849	31.95	ng	#	69
11) bis(2-Chloroethyl)ether	6.78	93	86426	31.82	ng		90
12) 1,3-Dichlorobenzene	7.01	146	98615	30.00	ng		98
13) 1,4-Dichlorobenzene	7.12	146	100360	29.38	ng		98
14) 1,2-Dichlorobenzene	7.30	146	97853	31.25	ng		98
15) Benzyl Alcohol	7.29	79	77045	32.17	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	114623	31.31	ng		99
17) 2-Methylphenol	7.44	107	75672	31.45	ng		97
18) Hexachloroethane	7.71	117	34231	30.56	ng		95
19) n-Nitroso-di-n-propylamine	7.62	70	67301	31.71	ng		97
20) 3+4-Methylphenols	7.63	107	102555	32.48	ng		94
22) Acetophenone	7.61	105	130824	32.37	ng	#	93
24) Nitrobenzene	7.81	77	95883	31.95	ng		91
25) Isophorone	8.11	82	170805	30.36	ng	#	92
26) 2-Nitrophenol	8.20	139	45065	30.68	ng	#	74
27) 2,4-Dimethylphenol	8.28	122	89831	33.56	ng		98
28) bis(2-Chloroethoxy)methane	8.40	93	106950	31.32	ng		99
29) 2,4-Dichlorophenol	8.51	162	83432	32.70	ng		98
30) 1,2,4-Trichlorobenzene	8.60	180	83537	29.27	ng		94
31) Naphthalene	8.69	128	270985	28.90	ng		100
32) Benzoic acid	8.40	122	37294	26.46	ng		98
33) 4-Chloroaniline	8.78	127	62189	16.34	ng		98
34) Hexachlorobutadiene	8.85	225	48401	29.92	ng		98
35) Caprolactam	9.21	113	26103	35.01	ng	#	87
36) 4-Chloro-3-methylphenol	9.39	107	83371	32.48	ng	#	82
37) 2-Methylnaphthalene	9.56	142	198288	31.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.77	216	82805	29.06	ng	#	100
40) Hexachlorocyclopentadiene	9.74	237	79113	56.43	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	60881	30.84	ng		99
43) 2,4,5-Trichlorophenol	9.96	196	62979	29.53	ng	#	93
45) 1,1'-Biphenyl	10.13	154	229529	30.05	ng		96
46) 2-Chloronaphthalene	10.16	162	185679	29.91	ng		94
47) 2-Nitroaniline	10.29	65	51488	33.40	ng		99
48) Acenaphthylene	10.67	152	291370	28.23	ng		98
49) Dimethylphthalate	10.53	163	230142	32.48	ng		99
50) 2,6-Dinitrotoluene	10.60	165	48037	32.70	ng		94
51) Acenaphthene	10.88	154	168486	28.47	ng		98
52) 3-Nitroaniline	10.81	138	37244	21.83	ng		99
53) 2,4-Dinitrophenol	10.95	184	36423	68.75	ng	#	66
54) Dibenzofuran	11.09	168	268688	30.61	ng		96
55) 4-Nitrophenol	11.04	139	81592	64.56	ng		92
56) 2,4-Dinitrotoluene	11.09	165	64664	33.76	ng		95
57) Fluorene	11.52	166	217863	29.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	54279	33.05	ng	#	100
59) Diethylphthalate	11.40	149	216867	31.41	ng		96
60) 4-Chlorophenyl-phenylether	11.53	204	98348	29.57	ng	#	89
61) 4-Nitroaniline	11.55	138	51466	30.27	ng		76
62) Azobenzene	11.72	77	203642	30.86	ng		92
64) 4,6-Dinitro-2-methylphenol	11.60	198	28180	33.30	ng		92
65) n-Nitrosodiphenylamine	11.68	169	192831	30.91	ng		99
66) 4-Bromophenyl-phenylether	12.13	248	61614	30.81	ng	#	90
67) Hexachlorobenzene	12.19	284	67533	30.73	ng		96
68) Atrazine	12.36	200	59878	34.24	ng		97
69) Pentachlorophenol	12.44	266	67707	59.65	ng		98
70) Phenanthrene	12.71	178	335702	31.21	ng		100
71) Anthracene	12.77	178	340655	32.05	ng		98
72) Carbazole	12.98	167	329973	32.64	ng		99
73) Di-n-butylphthalate	13.44	149	379061	33.44	ng		99
74) Fluoranthene	14.18	202	383102	32.29	ng		99
76) Benzidine	14.36	184	157003	29.89	ng		99
77) Pyrene	14.45	202	391791	29.46	ng		100
79) Butylbenzylphthalate	15.30	149	170925	32.60	ng		95
80) Benzo(a)anthracene	15.97	228	371751	29.65	ng		99
81) 3,3'-Dichlorobenzidine	15.95	252	85372	20.64	ng		97
82) Chrysene	16.02	228	358186	31.78	ng		99
83) Bis(2-ethylhexyl)phthalate	16.05	149	256444	32.29	ng		99
84) Di-n-octyl phthalate	16.89	149	437466	32.21	ng		100
85) Indeno(1,2,3-cd)pyrene	19.21	276	398602	28.33	ng	#	100
87) Benzo(b)fluoranthene	17.35	252	355257	27.03	ng	#	97
88) Benzo(k)fluoranthene	17.38	252	361827m	35.24	ng		
89) Benzo(a)pyrene	17.75	252	354759	32.35	ng	#	96
90) Dibenzo(a,h)anthracene	19.24	278	333891	30.70	ng		98
91) Benzo(g,h,i)perylene	19.61	276	336137	30.35	ng		98

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

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