Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077384.D
Acq On : 20 Feb 2015 16:21
Operator : TP/IZ
Sample : PB81812BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81812BSD

Quant Time: Feb 21 00:29:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 20 23:55:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	87364	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	355426	20.00	ng		0.00
38) Acenaphthene-d10	11.08	164	186739	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	347989	20.00	ng		0.00
75) Chrysene-d12	16.23	240	357568	20.00	ng		0.00
86) Perylene-d12	18.01	264	337361	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	478773	91.49	ng		0.00
7) Phenol-d6	6.88	99	610734	90.77	ng		0.00
23) Nitrobenzene-d5	8.02	82	490701	85.85	ng		0.00
41) 2,4,6-Tribromophenol	12.07	330	169685	94.37	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	1167428	97.48	ng		0.00
78) Terphenyl-d14	14.92	244	1281538	83.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	63395	28.55	ng		98
3) Pyridine	3.05	79	202498	31.88	ng		97
4) n-Nitrosodimethylamine	2.98	42	94995	34.39	ng		96
6) Aniline	6.91	93	97836	10.52	ng		95
8) 2-Chlorophenol	7.06	128	221426	35.87	ng		91
10) Phenol	6.89	94	243541	30.51	ng		88
11) bis(2-Chloroethyl)ether	7.01	93	194445	33.89	ng		89
12) 1,3-Dichlorobenzene	7.25	146	229293	34.11	ng		95
13) 1,4-Dichlorobenzene	7.36	146	225690	33.00	ng		97
14) 1,2-Dichlorobenzene	7.54	146	214526	32.98	ng		95
15) Benzyl Alcohol	7.50	79	180189	35.23	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.69	45	286691	34.96	ng		96
17) 2-Methylphenol	7.64	107	167043	34.62	ng		96
18) Hexachloroethane	7.95	117	74982	32.83	ng	#	81
19) n-Nitroso-di-n-propylamine	7.85	70	147467	34.51	ng	#	89
20) 3+4-Methylphenols	7.84	107	219997	34.62	ng	#	72
22) Acetophenone	7.84	105	292863	35.03	ng	#	93
24) Nitrobenzene	8.04	77	211157	35.11	ng		87
25) Isophorone	8.34	82	386341	34.07	ng		94
26) 2-Nitrophenol	8.44	139	86156	34.96	ng	#	86
27) 2,4-Dimethylphenol	8.49	122	188899	34.26	ng		96
28) bis(2-Chloroethoxy)methane	8.62	93	249065	34.77	ng		99
29) 2,4-Dichlorophenol	8.73	162	191395	36.98	ng		92
30) 1,2,4-Trichlorobenzene	8.84	180	188778	33.17	ng		96
31) Naphthalene	8.93	128	638593	35.93	ng		99
32) Benzoic acid	8.59	122	91991	34.33	ng		97
33) 4-Chloroaniline	9.00	127	72902	9.22	ng	#	92
34) Hexachlorobutadiene	9.09	225	111058	34.18	ng		97
35) Caprolactam	9.42	113	54615	34.56	ng		98
36) 4-Chloro-3-methylphenol	9.61	107	189392	36.40	ng		92
37) 2-Methylnaphthalene	9.79	142	438767	34.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	203092	37.90	ng		97
40) Hexachlorocyclopentadiene	9.98	237	221844	77.21	ng		97
42) 2,4,6-Trichlorophenol	10.15	196	133756	37.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.18	196	141880	37.39	ng	#	86
45) 1,1'-Biphenyl	10.37	154	523934	37.03	ng		97
46) 2-Chloronaphthalene	10.40	162	425783	38.37	ng		97
47) 2-Nitroaniline	10.52	65	113847	41.68	ng	#	82
48) Acenaphthylene	10.91	152	695185	39.58	ng		99
49) Dimethylphthalate	10.76	163	502719	38.30	ng		98
50) 2,6-Dinitrotoluene	10.83	165	104361	39.64	ng	#	69
51) Acenaphthene	11.13	154	401136	38.27	ng		99
52) 3-Nitroaniline	11.03	138	44389	14.63	ng	#	86
53) 2,4-Dinitrophenol	11.16	184	64846	80.96	ng	#	63
54) Dibenzofuran	11.35	168	612442	37.84	ng		95
55) 4-Nitrophenol	11.23	139	171126	70.10	ng	#	57
56) 2,4-Dinitrotoluene	11.32	165	136680	38.43	ng	#	70
57) Fluorene	11.77	166	483475	37.37	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	115275	37.79	ng		100
59) Diethylphthalate	11.64	149	490944	37.94	ng		97
60) 4-Chlorophenyl-phenylether	11.78	204	228056	36.58	ng		92
61) 4-Nitroaniline	11.79	138	98865	33.99	ng		86
62) Azobenzene	11.97	77	455397	37.09	ng		91
64) 4,6-Dinitro-2-methylphenol	11.83	198	45760	34.12	ng	#	62
65) n-Nitrosodiphenylamine	11.92	169	404756	35.06	ng		98
66) 4-Bromophenyl-phenylether	12.39	248	142182	34.89	ng	#	87
67) Hexachlorobenzene	12.44	284	157600	36.03	ng	#	83
68) Atrazine	12.59	200	131634	35.07	ng		94
69) Pentachlorophenol	12.68	266	168477	73.29	ng		99
70) Phenanthrene	12.96	178	690132	34.22	ng		99
71) Anthracene	13.03	178	712619	35.60	ng		99
72) Carbazole	13.22	167	631509	33.18	ng		98
73) Di-n-butylphthalate	13.68	149	759203	33.97	ng		99
74) Fluoranthene	14.44	202	765979	34.77	ng		95
76) Benzidine	14.61	184	263651	21.82	ng		98
77) Pyrene	14.72	202	771190	35.26	ng		100
79) Butylbenzylphthalate	15.54	149	309535	34.40	ng	#	83
80) Benzo(a)anthracene	16.21	228	714112	34.08	ng		99
81) 3,3'-Dichlorobenzidine	16.19	252	112781	14.69	ng	#	99
82) Chrysene	16.26	228	694439	35.29	ng		99
83) Bis(2-ethylhexyl)phthalate	16.27	149	455913	31.59	ng	#	96
84) Di-n-octyl phthalate	17.08	149	756567	31.40	ng		99
85) Indeno(1,2,3-cd)pyrene	19.51	276	766737m	34.17	ng		
87) Benzo(b)fluoranthene	17.55	252	694484	35.40	ng		99
88) Benzo(k)fluoranthene	17.59	252	679624	35.35	ng	#	95
89) Benzo(a)pyrene	17.94	252	660512	35.35	ng		98
90) Dibenzo(a,h)anthracene	19.54	278	628511	35.27	ng		100
91) Benzo(g,h,i)perylene	19.95	276	644248	35.82	ng		98

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

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