Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079039.D
Acq On : 8 May 2015 15:53
Operator : TP/IZ
Sample : PB83243BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83243BS

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5/12/2015 3:18:47 PM

Quant Time: May 08 23:11:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 22:44:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	70745	20.00	ng		0.00
21) Naphthalene-d8	8.90	136	280195	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	134216	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	256909	20.00	ng		0.00
75) Chrysene-d12	16.25	240	251271	20.00	ng		0.00
86) Perylene-d12	18.09	264	254269	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	577639	140.55	ng		0.01
7) Phenol-d6	6.89	99	775858	142.82	ng		0.00
23) Nitrobenzene-d5	8.01	82	404341	82.94	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	204753	141.02	ng		0.00
44) 2-Fluorobiphenyl	10.25	172	841683	87.37	ng		0.00
78) Terphenyl-d14	14.93	244	943502	89.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	62420	34.93	ng	#	39
3) Pyridine	3.05	79	203083	38.83	ng		97
4) n-Nitrosodimethylamine	2.97	42	88729m	39.60	ng		
6) Aniline	6.91	93	230119	30.01	ng		97
8) 2-Chlorophenol	7.05	128	202347	43.41	ng		92
9) Benzaldehyde	6.78	77	121731	33.26	ng		97
10) Phenol	6.90	94	288550	45.79	ng		92
11) bis(2-Chloroethyl)ether	7.02	93	188627	40.83	ng		88
12) 1,3-Dichlorobenzene	7.24	146	209541	39.99	ng		95
13) 1,4-Dichlorobenzene	7.35	146	214636	39.81	ng		98
14) 1,2-Dichlorobenzene	7.53	146	205659	40.97	ng		97
15) Benzyl Alcohol	7.51	79	172162	42.69	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.68	45	294001	41.60	ng		100
17) 2-Methylphenol	7.64	107	162335	43.28	ng		97
18) Hexachloroethane	7.94	117	73869	39.77	ng	#	85
19) n-Nitroso-di-n-propylamine	7.84	70	150700	41.07	ng	#	83
20) 3+4-Methylphenols	7.84	107	220165	44.05	ng	#	52
22) Acetophenone	7.83	105	284515	44.94	ng	#	96
24) Nitrobenzene	8.03	77	204460	42.31	ng		99
25) Isophorone	8.33	82	385302	42.63	ng		99
26) 2-Nitrophenol	8.43	139	100926	50.46	ng		98
27) 2,4-Dimethylphenol	8.49	122	190384	47.57	ng		98
28) bis(2-Chloroethoxy)methane	8.62	93	245567	44.07	ng		99
29) 2,4-Dichlorophenol	8.73	162	177583	49.90	ng		96
30) 1,2,4-Trichlorobenzene	8.83	180	168868	43.19	ng		98
31) Naphthalene	8.92	128	589617	44.16	ng		100
32) Benzoic acid	8.60	122	107908	43.69	ng		97
33) 4-Chloroaniline	8.99	127	159344	28.21	ng		96
34) Hexachlorobutadiene	9.07	225	91405	40.60	ng		95
35) Caprolactam	9.43	113	52998	46.05	ng		93
36) 4-Chloro-3-methylphenol	9.61	107	180692	48.34	ng	#	84
37) 2-Methylnaphthalene	9.78	142	399024	43.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	158509	41.93	ng	#	100
40) Hexachlorocyclopentadiene	9.98	237	161549	84.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	118823	45.72	ng		95
43) 2,4,5-Trichlorophenol	10.18	196	127447	48.51	ng		93
45) 1,1'-Biphenyl	10.36	154	472471	44.28	ng		100
46) 2-Chloronaphthalene	10.39	162	364846	43.84	ng		99
47) 2-Nitroaniline	10.51	65	109051	45.22	ng		95
48) Acenaphthylene	10.90	152	618757	45.28	ng		100
49) Dimethylphthalate	10.75	163	436640	44.33	ng		99
50) 2,6-Dinitrotoluene	10.83	165	91832	47.24	ng	#	61
51) Acenaphthene	11.12	154	361815	44.40	ng		97
52) 3-Nitroaniline	11.03	138	81348	33.50	ng		83
53) 2,4-Dinitrophenol	11.17	184	69986	82.75	ng		98
54) Dibenzofuran	11.34	168	547182	46.49	ng		97
55) 4-Nitrophenol	11.25	139	161270	83.91	ng	#	83
56) 2,4-Dinitrotoluene	11.33	165	119146	46.36	ng		86
57) Fluorene	11.76	166	439699	45.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.49	232	95364	44.42	ng	#	100
59) Diethylphthalate	11.63	149	441065	45.20	ng		99
60) 4-Chlorophenyl-phenylether	11.77	204	189983	44.33	ng		89
61) 4-Nitroaniline	11.78	138	106492	43.84	ng		92
62) Azobenzene	11.97	77	443131	46.08	ng		94
64) 4,6-Dinitro-2-methylphenol	11.83	198	50731	47.54	ng		82
65) n-Nitrosodiphenylamine	11.91	169	368166	43.03	ng		98
66) 4-Bromophenyl-phenylether	12.38	248	120156	44.87	ng	#	91
67) Hexachlorobenzene	12.43	284	128764	42.07	ng		98
68) Atrazine	12.58	200	111995	45.01	ng		98
69) Pentachlorophenol	12.69	266	121329	68.80	ng		96
70) Phenanthrene	12.95	178	615035	42.79	ng		99
71) Anthracene	13.02	178	628148	44.55	ng		100
72) Carbazole	13.22	167	616594	45.88	ng		100
73) Di-n-butylphthalate	13.67	149	732292	45.44	ng		99
74) Fluoranthene	14.43	202	670534	44.77	ng		97
76) Benzidine	14.61	184	327167	48.31	ng		98
77) Pyrene	14.72	202	698880	48.27	ng		98
79) Butylbenzylphthalate	15.54	149	313633	49.55	ng		93
80) Benzo(a)anthracene	16.23	228	641745	46.64	ng		100
81) 3,3'-Dichlorobenzidine	16.21	252	174406	35.58	ng	#	96
82) Chrysene	16.29	228	566394	42.80	ng		99
83) Bis(2-ethylhexyl)phthalate	16.29	149	473219	49.36	ng	#	98
84) Di-n-octyl phthalate	17.13	149	824960	48.86	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.60	276	739212	43.84	ng	#	100
87) Benzo(b)fluoranthene	17.61	252	614812	44.18	ng		98
88) Benzo(k)fluoranthene	17.65	252	623500m	46.28	ng		
89) Benzo(a)pyrene	18.02	252	604237	47.15	ng		99
90) Dibenzo(a,h)anthracene	19.62	278	591319	43.42	ng		96
91) Benzo(g,h,i)perylene	20.05	276	605726	44.37	ng		99

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

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