Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079907.D
Acq On : 11 Jun 2015 21:03
Operator : TP/IZ
Sample : PB83779BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83779BS

Manual Integrations APPROVED
apatel
6/13/2015 8:44:07 AM

Quant Time: Jun 12 09:15:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 08:55:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	54662	20.00	ng		0.00
21) Naphthalene-d8	8.68	136	222141	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	108946	20.00	ng		0.00
63) Phenanthrene-d10	11.98	188	235791	20.00	ng		0.00
75) Chrysene-d12	14.99	240	265686	20.00	ng		0.00
86) Perylene-d12	16.93	264	252785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.01	112	310204	104.06	ng		0.01
7) Phenol-d6	6.99	99	427892	105.36	ng		0.00
23) Nitrobenzene-d5	7.95	82	205635	61.08	ng		0.00
41) 2,4,6-Tribromophenol	11.26	330	108673	99.75	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	509944	65.54	ng		0.00
78) Terphenyl-d14	13.69	244	711078	61.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	32727	24.13	ng		92
3) Pyridine	4.14	79	93672	26.95	ng		97
4) n-Nitrosodimethylamine	4.04	42	48686	28.43	ng		95
6) Aniline	7.05	93	105956	18.03	ng		99
8) 2-Chlorophenol	7.18	128	120990	33.39	ng		99
9) Benzaldehyde	6.94	77	76166	32.63	ng		98
10) Phenol	7.00	94	163278	36.55	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	119324	33.20	ng		98
12) 1,3-Dichlorobenzene	7.34	146	133041	31.48	ng		99
13) 1,4-Dichlorobenzene	7.42	146	132910	30.27	ng		99
14) 1,2-Dichlorobenzene	7.56	146	123806	31.75	ng		98
15) Benzyl Alcohol	7.52	79	101636	31.21	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.66	45	168232	31.60	ng		100
17) 2-Methylphenol	7.62	107	101487	32.06	ng		98
18) Hexachloroethane	7.92	117	42812	31.49	ng		97
19) n-Nitroso-di-n-propylamine	7.78	70	88908	30.64	ng		98
20) 3+4-Methylphenols	7.77	107	131736	32.56	ng		99
22) Acetophenone	7.79	105	171962	32.78	ng		98
24) Nitrobenzene	7.96	77	109081	30.46	ng		99
25) Isophorone	8.20	82	244520	31.21	ng		99
26) 2-Nitrophenol	8.30	139	34246	28.43	ng		95
27) 2,4-Dimethylphenol	8.31	122	115688	32.95	ng		99
28) bis(2-Chloroethoxy)methane	8.41	93	144667	31.10	ng		100
29) 2,4-Dichlorophenol	8.52	162	97250	33.07	ng		99
30) 1,2,4-Trichlorobenzene	8.63	180	111302	29.78	ng		97
31) Naphthalene	8.71	128	369227	30.41	ng		99
32) Benzoic acid	8.36	122	26834	24.63	ng		96
33) 4-Chloroaniline	8.74	127	73976m	15.70	ng		
34) Hexachlorobutadiene	8.82	225	61996	29.88	ng		96
35) Caprolactam	9.07	113	29014	31.19	ng	#	62
36) 4-Chloro-3-methylphenol	9.21	107	113508	33.79	ng		99
37) 2-Methylnaphthalene	9.40	142	258869	31.55	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	118947	32.60	ng		98
40) Hexachlorocyclopentadiene	9.56	237	105946	69.55	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	72781	32.37	ng		97
43) 2,4,5-Trichlorophenol	9.71	196	84704	34.13	ng		98
45) 1,1'-Biphenyl	9.86	154	289316	32.81	ng		99
46) 2-Chloronaphthalene	9.90	162	242859	32.35	ng		98
47) 2-Nitroaniline	9.98	65	45334	29.89	ng		98
48) Acenaphthylene	10.32	152	398873	31.48	ng		99
49) Dimethylphthalate	10.15	163	276318	31.66	ng		99
50) 2,6-Dinitrotoluene	10.22	165	51768	33.44	ng		95
51) Acenaphthene	10.49	154	227626	31.60	ng		97
52) 3-Nitroaniline	10.39	138	37086	20.86	ng		96
53) 2,4-Dinitrophenol	10.49	184	16769	62.00	ng	#	1
54) Dibenzofuran	10.66	168	343287	32.62	ng		100
55) 4-Nitrophenol	10.52	139	85229	61.78	ng		100
56) 2,4-Dinitrotoluene	10.63	165	66520	33.12	ng		99
57) Fluorene	11.02	166	301973	32.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.78	232	65710	34.93	ng		99
59) Diethylphthalate	10.86	149	302086	34.61	ng		99
60) 4-Chlorophenyl-phenylether	10.99	204	137024	33.45	ng		97
61) 4-Nitroaniline	11.00	138	58128	29.84	ng		97
62) Azobenzene	11.15	77	271139	32.29	ng		99
64) 4,6-Dinitro-2-methylphenol	11.04	198	16499	34.82	ng		94
65) n-Nitrosodiphenylamine	11.11	169	253103	33.25	ng		100
66) 4-Bromophenyl-phenylether	11.50	248	90491	34.25	ng		98
67) Hexachlorobenzene	11.58	284	94115	32.65	ng		95
68) Atrazine	11.63	200	80795	34.49	ng		98
69) Pentachlorophenol	11.77	266	76702	59.02	ng		95
70) Phenanthrene	12.00	178	464156	33.03	ng		99
71) Anthracene	12.06	178	458136	33.69	ng		99
72) Carbazole	12.20	167	415793	31.53	ng		100
73) Di-n-butylphthalate	12.54	149	470458	32.74	ng		100
74) Fluoranthene	13.28	202	502118	32.32	ng		98
76) Benzidine	13.39	184	231542	31.47	ng		99
77) Pyrene	13.54	202	522944	31.34	ng		100
79) Butylbenzylphthalate	14.25	149	190139	33.74	ng		97
80) Benzo(a)anthracene	14.98	228	498316	29.54	ng		99
81) 3,3'-Dichlorobenzidine	14.93	252	91424	16.95	ng	#	94
82) Chrysene	15.03	228	475027	31.47	ng		99
83) Bis(2-ethylhexyl)phthalate	14.95	149	305059	33.82	ng	#	95
84) Di-n-octyl phthalate	15.78	149	497777	33.84	ng		99
85) Indeno(1,2,3-cd)pyrene	18.85	276	479383	27.13	ng		100
87) Benzo(b)fluoranthene	16.37	252	512370	33.08	ng		99
88) Benzo(k)fluoranthene	16.40	252	428104	27.10	ng		99
89) Benzo(a)pyrene	16.83	252	457994	31.09	ng		99
90) Dibenzo(a,h)anthracene	18.87	278	390504	26.97	ng		99
91) Benzo(g,h,i)perylene	19.42	276	417743	27.88	ng		98

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

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