Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078809.D
Acq On : 29 Apr 2015 13:15
Operator : TP/IZ
Sample : PB83058BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83058BSD

Quant Time: Apr 30 01:27:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79347	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	329780	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	158886	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	286326	20.00	ng		0.00
75) Chrysene-d12	16.30	240	297302	20.00	ng		0.00
86) Perylene-d12	18.10	264	294395	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	581634	134.63	ng		0.00
7) Phenol-d6	6.92	99	732947	127.03	ng		0.00
23) Nitrobenzene-d5	8.07	82	410281	89.57	ng		0.00
41) 2,4,6-Tribromophenol	12.12	330	204353	129.39	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	875602	75.47	ng		0.00
78) Terphenyl-d14	14.98	244	977915	78.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	72857	36.76	ng	#	32
3) Pyridine	3.15	79	200733	34.29	ng		99
4) n-Nitrosodimethylamine	3.06	42	102786m	39.09	ng		
6) Aniline	6.97	93	189276	22.46	ng		96
8) 2-Chlorophenol	7.11	128	214376	43.17	ng		92
9) Benzaldehyde	6.83	77	14688	3.53	ng		95
10) Phenol	6.95	94	279615	41.00	ng		93
11) bis(2-Chloroethyl)ether	7.07	93	208381	41.32	ng		90
12) 1,3-Dichlorobenzene	7.31	146	224745	38.98	ng	#	90
13) 1,4-Dichlorobenzene	7.40	146	234046	39.65	ng		97
14) 1,2-Dichlorobenzene	7.59	146	224495	40.70	ng		97
15) Benzyl Alcohol	7.55	79	174124	40.50	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.74	45	319138	40.48	ng		98
17) 2-Methylphenol	7.69	107	170887	42.51	ng		94
18) Hexachloroethane	8.01	117	80410	41.24	ng		91
19) n-Nitroso-di-n-propylamine	7.90	70	166382	41.33	ng	#	87
20) 3+4-Methylphenols	7.88	107	228446	43.62	ng		90
22) Acetophenone	7.88	105	305569	41.82	ng	#	91
24) Nitrobenzene	8.09	77	213471	43.52	ng		93
25) Isophorone	8.40	82	410476	39.64	ng	#	91
26) 2-Nitrophenol	8.49	139	81158	56.08	ng	#	88
27) 2,4-Dimethylphenol	8.55	122	195223	42.50	ng		95
28) bis(2-Chloroethoxy)methane	8.67	93	273489	42.77	ng		98
29) 2,4-Dichlorophenol	8.78	162	174531	44.45	ng		93
30) 1,2,4-Trichlorobenzene	8.89	180	180520	40.04	ng		94
31) Naphthalene	8.99	128	611076	39.04	ng		98
32) Benzoic acid	8.63	122	87332	62.65	ng		96
33) 4-Chloroaniline	9.05	127	126373	19.18	ng	#	93
34) Hexachlorobutadiene	9.14	225	101636	39.95	ng		97
35) Caprolactam	9.47	113	54336	43.46	ng		95
36) 4-Chloro-3-methylphenol	9.66	107	187267	45.43	ng		91
37) 2-Methylnaphthalene	9.85	142	438277	41.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	170276	37.82	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	178142	94.14	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	117787	42.94	ng		94
43) 2,4,5-Trichlorophenol	10.24	196	125494	42.98	ng	#	89
45) 1,1'-Biphenyl	10.43	154	522213	40.95	ng		97
46) 2-Chloronaphthalene	10.46	162	384339	38.57	ng		93
47) 2-Nitroaniline	10.57	65	103118	47.38	ng	#	83
48) Acenaphthylene	10.96	152	634840	38.93	ng		100
49) Dimethylphthalate	10.81	163	447095	39.58	ng		99
50) 2,6-Dinitrotoluene	10.89	165	85451	46.44	ng	#	68
51) Acenaphthene	11.18	154	381394	39.83	ng		99
52) 3-Nitroaniline	11.08	138	69010	28.90	ng		85
53) 2,4-Dinitrophenol	11.22	184	41658	141.68	ng	#	74
54) Dibenzofuran	11.39	168	567742	40.41	ng		98
55) 4-Nitrophenol	11.28	139	168886	87.49	ng	#	69
56) 2,4-Dinitrotoluene	11.38	165	116091	51.31	ng	#	72
57) Fluorene	11.83	166	456063	40.61	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	99441	45.48	ng	#	100
59) Diethylphthalate	11.69	149	437522	38.92	ng		97
60) 4-Chlorophenyl-phenylether	11.83	204	201487	40.32	ng		93
61) 4-Nitroaniline	11.84	138	95577	40.12	ng		94
62) Azobenzene	12.02	77	479590	41.85	ng		94
64) 4,6-Dinitro-2-methylphenol	11.88	198	29738	58.47	ng	#	65
65) n-Nitrosodiphenylamine	11.98	169	393605	42.52	ng		99
66) 4-Bromophenyl-phenylether	12.43	248	121052	41.88	ng	#	87
67) Hexachlorobenzene	12.50	284	138113	42.19	ng	#	76
68) Atrazine	12.65	200	116581	47.02	ng		92
69) Pentachlorophenol	12.74	266	152671	86.52	ng		97
70) Phenanthrene	13.02	178	666855	43.01	ng		100
71) Anthracene	13.09	178	667736	44.05	ng		99
72) Carbazole	13.28	167	627381	43.83	ng		99
73) Di-n-butylphthalate	13.74	149	708024	42.70	ng	#	98
74) Fluoranthene	14.50	202	696490	45.05	ng		92
76) Benzidine	14.67	184	241818	25.13	ng		99
77) Pyrene	14.78	202	702841	40.46	ng		99
79) Butylbenzylphthalate	15.61	149	298089	44.75	ng	#	79
80) Benzo(a)anthracene	16.29	228	659902	41.37	ng		99
81) 3,3'-Dichlorobenzidine	16.26	252	181386	33.41	ng	#	96
82) Chrysene	16.33	228	629766	40.50	ng		100
83) Bis(2-ethylhexyl)phthalate	16.34	149	450893	42.17	ng		99
84) Di-n-octyl phthalate	17.17	149	735707	43.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.63	276	774969	43.93	ng	#	100
87) Benzo(b)fluoranthene	17.63	252	707188	44.38	ng		99
88) Benzo(k)fluoranthene	17.67	252	597638	38.70	ng		99
89) Benzo(a)pyrene	18.03	252	637139	44.69	ng	#	96
90) Dibenzo(a,h)anthracene	19.67	278	629080	42.60	ng		99
91) Benzo(g,h,i)perylene	20.09	276	639497	43.15	ng		99

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

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