Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077770.D
Acq On : 17 Mar 2015 14:11
Operator : TP/IZ
Sample : PB82120BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82120BSD

Quant Time: Mar 18 01:17:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 00:52:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	51459	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	212330	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	105687	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	204624	20.00	ng		0.00
75) Chrysene-d12	16.04	240	221441	20.00	ng		0.01
86) Perylene-d12	17.79	264	211738	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	310735	105.40	ng		0.00
7) Phenol-d6	6.73	99	378412	103.89	ng		0.00
23) Nitrobenzene-d5	7.86	82	224240	69.23	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	99761	98.66	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	495328	68.88	ng		0.00
78) Terphenyl-d14	14.74	244	575302	63.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	38115	28.48	ng	#	100
3) Pyridine	2.76	79	95782	26.63	ng		99
4) n-Nitrosodimethylamine	2.68	42	47277	30.19	ng		97
6) Aniline	6.75	93	94950	18.22	ng	#	32
8) 2-Chlorophenol	6.89	128	118568	33.79	ng		95
9) Benzaldehyde	6.60	77	8763	5.87	ng		98
10) Phenol	6.75	94	143556	33.34	ng		91
11) bis(2-Chloroethyl)ether	6.85	93	115551	35.83	ng		96
12) 1,3-Dichlorobenzene	7.08	146	127892	32.77	ng		98
13) 1,4-Dichlorobenzene	7.18	146	128218	31.62	ng		99
14) 1,2-Dichlorobenzene	7.37	146	122294	32.89	ng		98
15) Benzyl Alcohol	7.34	79	93144	32.76	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.53	45	145027	33.37	ng		98
17) 2-Methylphenol	7.49	107	95158	33.31	ng		97
18) Hexachloroethane	7.78	117	42970	32.31	ng		93
19) n-Nitroso-di-n-propylamine	7.68	70	76791	30.48	ng		91
20) 3+4-Methylphenols	7.69	107	123351	32.91	ng		93
22) Acetophenone	7.68	105	161774	34.42	ng	#	91
24) Nitrobenzene	7.88	77	117970	33.81	ng	#	82
25) Isophorone	8.18	82	210400	32.16	ng		97
26) 2-Nitrophenol	8.27	139	57845	33.86	ng		90
27) 2,4-Dimethylphenol	8.34	122	105508	33.90	ng		95
28) bis(2-Chloroethoxy)methane	8.46	93	139239	35.07	ng		99
29) 2,4-Dichlorophenol	8.57	162	98833	33.31	ng		96
30) 1,2,4-Trichlorobenzene	8.67	180	102839	30.98	ng		98
31) Naphthalene	8.76	128	344157	31.56	ng		99
32) Benzoic acid	8.45	122	56817	33.71	ng		94
33) 4-Chloroaniline	8.84	127	88222	19.93	ng	#	95
34) Hexachlorobutadiene	8.92	225	58899	31.31	ng		98
35) Caprolactam	9.26	113	30620	35.32	ng		99
36) 4-Chloro-3-methylphenol	9.45	107	99348	33.28	ng	#	82
37) 2-Methylnaphthalene	9.62	142	235886	32.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	101072	32.06	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	102780	65.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	70943	32.49	ng		97
43) 2,4,5-Trichlorophenol	10.02	196	77235	32.74	ng	#	85
45) 1,1'-Biphenyl	10.20	154	269317	31.88	ng		97
46) 2-Chloronaphthalene	10.22	162	221332	32.24	ng		96
47) 2-Nitroaniline	10.36	65	58336	34.21	ng	#	73
48) Acenaphthylene	10.73	152	360548	31.58	ng		99
49) Dimethylphthalate	10.59	163	255017	32.53	ng		99
50) 2,6-Dinitrotoluene	10.67	165	57373	35.31	ng	#	78
51) Acenaphthene	10.94	154	203687	31.12	ng		98
52) 3-Nitroaniline	10.86	138	44874	23.78	ng	#	78
53) 2,4-Dinitrophenol	11.00	184	45880	77.18	ng	#	81
54) Dibenzofuran	11.16	168	320633	33.02	ng		95
55) 4-Nitrophenol	11.09	139	105420	75.42	ng		95
56) 2,4-Dinitrotoluene	11.16	165	78759	37.17	ng	#	82
57) Fluorene	11.59	166	253667	31.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	61884	34.07	ng	#	100
59) Diethylphthalate	11.47	149	241410	31.61	ng		96
60) 4-Chlorophenyl-phenylether	11.60	204	117369	31.90	ng	#	89
61) 4-Nitroaniline	11.62	138	58189	30.94	ng		79
62) Azobenzene	11.79	77	234264	32.09	ng		91
64) 4,6-Dinitro-2-methylphenol	11.67	198	32032	34.48	ng	#	74
65) n-Nitrosodiphenylamine	11.75	169	219707	32.25	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	71029	32.53	ng	#	85
67) Hexachlorobenzene	12.26	284	74092	30.88	ng	#	86
68) Atrazine	12.42	200	68481	35.86	ng		92
69) Pentachlorophenol	12.51	266	83263	66.78	ng		96
70) Phenanthrene	12.77	178	378225	32.20	ng		99
71) Anthracene	12.84	178	394767	34.01	ng		100
72) Carbazole	13.05	167	372829	33.77	ng		99
73) Di-n-butylphthalate	13.51	149	400572	32.36	ng		100
74) Fluoranthene	14.25	202	422885	32.64	ng		93
76) Benzidine	14.43	184	163930	29.80	ng		99
77) Pyrene	14.53	202	458808	32.95	ng		100
79) Butylbenzylphthalate	15.37	149	178950	32.59	ng		99
80) Benzo(a)anthracene	16.02	228	420417	32.03	ng		99
81) 3,3'-Dichlorobenzidine	16.01	252	105974	24.47	ng		97
82) Chrysene	16.07	228	409586	34.70	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	244807	29.44	ng	#	93
84) Di-n-octyl phthalate	16.90	149	427012	30.03	ng		99
85) Indeno(1,2,3-cd)pyrene	19.19	276	458693m	31.14	ng		
87) Benzo(b)fluoranthene	17.33	252	442091	31.98	ng		98
88) Benzo(k)fluoranthene	17.37	252	371718	34.43	ng	#	96
89) Benzo(a)pyrene	17.72	252	395549	34.30	ng	#	97
90) Dibenzo(a,h)anthracene	19.22	278	371527	32.48	ng		99
91) Benzo(g,h,i)perylene	19.61	276	380489	32.67	ng		96

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

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