Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078007.D
Acq On : 26 Mar 2015 20:53
Operator : TP/IZ
Sample : PB82320BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82320BSD

Quant Time: Mar 27 05:44:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 00:54:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	40039	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	167141	20.00	ng		0.00
38) Acenaphthene-d10	10.84	164	82539	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	165135	20.00	ng		-0.01
75) Chrysene-d12	15.96	240	178045	20.00	ng		-0.05
86) Perylene-d12	17.71	264	170196	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	163268	71.18	ng		0.00
7) Phenol-d6	6.67	99	208919	73.72	ng		-0.01
23) Nitrobenzene-d5	7.79	82	156883	61.53	ng		0.00
41) 2,4,6-Tribromophenol	11.81	330	49325	62.46	ng		-0.01
44) 2-Fluorobiphenyl	10.02	172	358886	63.90	ng		0.00
78) Terphenyl-d14	14.67	244	423441	58.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	31282	30.04	ng	#	100
3) Pyridine	2.62	79	87639	31.32	ng		89
4) n-Nitrosodimethylamine	2.57	42	33921	27.84	ng		98
6) Aniline	6.68	93	26365	6.50	ng	#	1
8) 2-Chlorophenol	6.83	128	94822	34.73	ng		90
9) Benzaldehyde	6.54	77	3353	2.89	ng		90
10) Phenol	6.69	94	110074	32.86	ng	#	68
11) bis(2-Chloroethyl)ether	6.78	93	86404	34.43	ng		93
12) 1,3-Dichlorobenzene	7.01	146	99278	32.69	ng		99
13) 1,4-Dichlorobenzene	7.12	146	101089	32.04	ng		99
14) 1,2-Dichlorobenzene	7.30	146	95405	32.98	ng		99
15) Benzyl Alcohol	7.29	79	72764	32.89	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.46	45	112288	33.21	ng		98
17) 2-Methylphenol	7.44	107	76055	34.22	ng		97
18) Hexachloroethane	7.71	117	34642	33.47	ng		92
19) n-Nitroso-di-n-propylamine	7.62	70	65582	33.45	ng	#	93
20) 3+4-Methylphenols	7.63	107	103548	35.50	ng		92
22) Acetophenone	7.61	105	129845	35.09	ng	#	93
24) Nitrobenzene	7.81	77	95901	34.91	ng		90
25) Isophorone	8.11	82	166249	32.29	ng		94
26) 2-Nitrophenol	8.20	139	42796	31.82	ng	#	77
27) 2,4-Dimethylphenol	8.28	122	88022	35.93	ng		96
28) bis(2-Chloroethoxy)methane	8.40	93	107730	34.47	ng		99
29) 2,4-Dichlorophenol	8.51	162	82411	35.29	ng		98
30) 1,2,4-Trichlorobenzene	8.60	180	82988	31.76	ng		98
31) Naphthalene	8.69	128	275074	32.04	ng		100
32) Benzoic acid	8.40	122	31404	24.59	ng		92
33) 4-Chloroaniline	8.78	127	22592	6.48	ng		98
34) Hexachlorobutadiene	8.85	225	45925	31.01	ng		97
35) Caprolactam	9.20	113	24035	35.22	ng		91
36) 4-Chloro-3-methylphenol	9.39	107	79383	33.78	ng	#	83
37) 2-Methylnaphthalene	9.55	142	187051	32.43	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	80244	32.60	ng	#	100
40) Hexachlorocyclopentadiene	9.74	237	72365	59.56	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	54992	32.25	ng		98
43) 2,4,5-Trichlorophenol	9.96	196	61361	33.31	ng	#	93
45) 1,1'-Biphenyl	10.13	154	218320	33.09	ng		97
46) 2-Chloronaphthalene	10.16	162	182697	34.07	ng		97
47) 2-Nitroaniline	10.29	65	49602	37.25	ng		95
48) Acenaphthylene	10.66	152	285934	32.07	ng		100
49) Dimethylphthalate	10.53	163	209525	34.23	ng		99
50) 2,6-Dinitrotoluene	10.60	165	47340	37.31	ng		89
51) Acenaphthene	10.88	154	163638	32.01	ng		98
52) 3-Nitroaniline	10.80	138	16641	11.29	ng	#	68
53) 2,4-Dinitrophenol	10.93	184	23487	53.36	ng		90
54) Dibenzofuran	11.09	168	258531	34.10	ng		96
55) 4-Nitrophenol	11.04	139	69934	64.06	ng		94
56) 2,4-Dinitrotoluene	11.09	165	62093	37.53	ng		95
57) Fluorene	11.52	166	210244	33.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.25	232	49161	34.66	ng	#	100
59) Diethylphthalate	11.40	149	204684	34.32	ng		97
60) 4-Chlorophenyl-phenylether	11.53	204	93936	32.69	ng		93
61) 4-Nitroaniline	11.55	138	44785	30.49	ng		79
62) Azobenzene	11.72	77	197151	34.58	ng		95
64) 4,6-Dinitro-2-methylphenol	11.60	198	22023	30.01	ng		83
65) n-Nitrosodiphenylamine	11.68	169	181757	33.05	ng		99
66) 4-Bromophenyl-phenylether	12.13	248	56937	32.31	ng		92
67) Hexachlorobenzene	12.19	284	62820	32.44	ng		99
68) Atrazine	12.35	200	54133	35.13	ng		92
69) Pentachlorophenol	12.44	266	50568	51.02	ng		96
70) Phenanthrene	12.71	178	325851	34.37	ng		99
71) Anthracene	12.76	178	319188	34.08	ng		100
72) Carbazole	12.98	167	317674	35.66	ng		97
73) Di-n-butylphthalate	13.44	149	330790	33.11	ng		98
74) Fluoranthene	14.18	202	355431	33.99	ng		99
76) Benzidine	14.36	184	52005	11.46	ng		98
77) Pyrene	14.45	202	371736	33.20	ng		99
79) Butylbenzylphthalate	15.29	149	147462	33.41	ng		89
80) Benzo(a)anthracene	15.94	228	343798	32.57	ng		99
81) 3,3'-Dichlorobenzidine	15.93	252	42085	12.09	ng		99
82) Chrysene	15.99	228	340613	35.89	ng		99
83) Bis(2-ethylhexyl)phthalate	16.02	149	213820	31.98	ng	#	98
84) Di-n-octyl phthalate	16.82	149	362137	31.67	ng		100
85) Indeno(1,2,3-cd)pyrene	19.07	276	363174	30.66	ng	#	100
87) Benzo(b)fluoranthene	17.25	252	364722	32.83	ng		100
88) Benzo(k)fluoranthene	17.29	252	299162m	34.47	ng		
89) Benzo(a)pyrene	17.64	252	327298	35.30	ng	#	96
90) Dibenzo(a,h)anthracene	19.09	278	308030	33.50	ng		97
91) Benzo(g,h,i)perylene	19.47	276	307930	32.90	ng		98

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

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