Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077754.D
Acq On : 16 Mar 2015 15:51
Operator : TP/IZ
Sample : PB82120BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82120BS

Quant Time: Mar 17 01:03:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 17 00:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	56180	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	236179	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	118161	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	234435	20.00	ng		0.00
75) Chrysene-d12	16.03	240	239521	20.00	ng		0.00
86) Perylene-d12	17.75	264	231391	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	328071	101.93	ng		0.00
7) Phenol-d6	6.74	99	408136	102.64	ng		0.00
23) Nitrobenzene-d5	7.87	82	244049	67.74	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	110022	97.32	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	541670	67.37	ng		0.00
78) Terphenyl-d14	14.74	244	636165	64.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	38295	26.21	ng	#	100
3) Pyridine	2.78	79	98336	25.05	ng		99
4) n-Nitrosodimethylamine	2.70	42	50914	29.78	ng		97
6) Aniline	6.76	93	98530	17.32	ng	#	35
8) 2-Chlorophenol	6.90	128	131092	34.22	ng		95
9) Benzaldehyde	6.62	77	9555	5.87	ng		88
10) Phenol	6.76	94	155594	33.10	ng		91
11) bis(2-Chloroethyl)ether	6.86	93	122215	34.71	ng		94
12) 1,3-Dichlorobenzene	7.09	146	138093	32.41	ng		98
13) 1,4-Dichlorobenzene	7.20	146	137856	31.14	ng		98
14) 1,2-Dichlorobenzene	7.38	146	132754	32.71	ng		98
15) Benzyl Alcohol	7.36	79	100714	32.45	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.54	45	160013	33.72	ng		98
17) 2-Methylphenol	7.50	107	101396	32.51	ng		95
18) Hexachloroethane	7.79	117	45899	31.61	ng		93
19) n-Nitroso-di-n-propylamine	7.69	70	88166	32.05	ng		96
20) 3+4-Methylphenols	7.70	107	137658	33.64	ng		96
22) Acetophenone	7.69	105	178109	34.07	ng	#	92
24) Nitrobenzene	7.89	77	129230	33.29	ng	#	80
25) Isophorone	8.19	82	239664	32.94	ng		98
26) 2-Nitrophenol	8.28	139	60793	31.99	ng		91
27) 2,4-Dimethylphenol	8.35	122	123354	35.63	ng		97
28) bis(2-Chloroethoxy)methane	8.48	93	148335	33.59	ng		98
29) 2,4-Dichlorophenol	8.58	162	113256	34.32	ng		98
30) 1,2,4-Trichlorobenzene	8.68	180	115452	31.27	ng		99
31) Naphthalene	8.77	128	384045	31.66	ng		100
32) Benzoic acid	8.46	122	41204	23.05	ng		96
33) 4-Chloroaniline	8.85	127	94736	19.24	ng		97
34) Hexachlorobutadiene	8.93	225	63646	30.41	ng		98
35) Caprolactam	9.28	113	34354	35.62	ng		95
36) 4-Chloro-3-methylphenol	9.46	107	117625	35.43	ng		90
37) 2-Methylnaphthalene	9.63	142	267070	32.77	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	117927	33.46	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	110898	63.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	79448	32.54	ng		100
43) 2,4,5-Trichlorophenol	10.03	196	85452	32.40	ng	#	93
45) 1,1'-Biphenyl	10.21	154	315173	33.37	ng		99
46) 2-Chloronaphthalene	10.22	162	250823	32.68	ng	#	91
47) 2-Nitroaniline	10.36	65	69284	36.34	ng		96
48) Acenaphthylene	10.74	152	412188	32.29	ng		100
49) Dimethylphthalate	10.60	163	302023	34.46	ng		99
50) 2,6-Dinitrotoluene	10.67	165	61994	34.13	ng		98
51) Acenaphthene	10.96	154	238205	32.55	ng		99
52) 3-Nitroaniline	10.88	138	54298	25.74	ng		97
53) 2,4-Dinitrophenol	11.00	184	36505	57.25	ng		95
54) Dibenzofuran	11.17	168	365705	33.69	ng		99
55) 4-Nitrophenol	11.09	139	103498	66.22	ng		82
56) 2,4-Dinitrotoluene	11.16	165	81885	34.57	ng		99
57) Fluorene	11.60	166	294168	32.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	66602	32.80	ng	#	100
59) Diethylphthalate	11.48	149	295253	34.58	ng		100
60) 4-Chlorophenyl-phenylether	11.61	204	137704	33.48	ng		93
61) 4-Nitroaniline	11.63	138	70799	33.67	ng		95
62) Azobenzene	11.80	77	272348	33.37	ng		95
64) 4,6-Dinitro-2-methylphenol	11.67	198	31043	29.83	ng		92
65) n-Nitrosodiphenylamine	11.76	169	260287	33.34	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	79506	31.78	ng	#	92
67) Hexachlorobenzene	12.26	284	86614	31.51	ng	#	72
68) Atrazine	12.43	200	81897	37.44	ng		99
69) Pentachlorophenol	12.52	266	85917	60.46	ng		99
70) Phenanthrene	12.79	178	439522	32.66	ng		100
71) Anthracene	12.84	178	442146	33.25	ng		99
72) Carbazole	13.05	167	417827	33.03	ng		99
73) Di-n-butylphthalate	13.51	149	482674	34.03	ng		99
74) Fluoranthene	14.25	202	476055	32.07	ng		94
76) Benzidine	14.43	184	210181	35.42	ng		99
77) Pyrene	14.53	202	509610	33.83	ng		99
79) Butylbenzylphthalate	15.37	149	208505	35.11	ng		91
80) Benzo(a)anthracene	16.02	228	479181	33.75	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	97472	20.81	ng		98
82) Chrysene	16.07	228	434607	34.04	ng		99
83) Bis(2-ethylhexyl)phthalate	16.08	149	316743	35.21	ng	#	95
84) Di-n-octyl phthalate	16.87	149	531749	34.57	ng		100
85) Indeno(1,2,3-cd)pyrene	19.13	276	480368	30.15	ng	#	100
87) Benzo(b)fluoranthene	17.30	252	483181	31.99	ng		100
88) Benzo(k)fluoranthene	17.33	252	393584	33.36	ng		97
89) Benzo(a)pyrene	17.68	252	425484	33.76	ng	#	96
90) Dibenzo(a,h)anthracene	19.16	278	399024	31.92	ng		99
91) Benzo(g,h,i)perylene	19.54	276	395521	31.08	ng		98

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

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