Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077812.D
Acq On : 19 Mar 2015 00:56
Operator : TP/IZ
Sample : PB82103BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82103BS

Quant Time: Mar 19 04:17:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 04:03:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	49533	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	202663	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	100570	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	194000	20.00	ng		0.00
75) Chrysene-d12	16.03	240	210992	20.00	ng		-0.02
86) Perylene-d12	17.75	264	202393	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	306357	107.96	ng		0.01
7) Phenol-d6	6.73	99	379978	108.38	ng		0.00
23) Nitrobenzene-d5	7.86	82	213712	69.13	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	91923	95.53	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	471865	68.95	ng		0.00
78) Terphenyl-d14	14.74	244	532720	61.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	32334	25.10	ng	#	100
3) Pyridine	2.75	79	92159	26.62	ng		96
4) n-Nitrosodimethylamine	2.68	42	46708	30.99	ng		99
6) Aniline	6.75	93	91349	18.22	ng	#	69
8) 2-Chlorophenol	6.89	128	119702	35.44	ng		99
9) Benzaldehyde	6.60	77	8043	5.60	ng		97
10) Phenol	6.74	94	139428	33.64	ng		91
11) bis(2-Chloroethyl)ether	6.85	93	111236	35.83	ng		97
12) 1,3-Dichlorobenzene	7.08	146	123354	32.83	ng		99
13) 1,4-Dichlorobenzene	7.18	146	124258	31.83	ng		99
14) 1,2-Dichlorobenzene	7.37	146	118319	33.06	ng		100
15) Benzyl Alcohol	7.34	79	91519	33.44	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	136550	32.64	ng		100
17) 2-Methylphenol	7.49	107	94593	34.40	ng		98
18) Hexachloroethane	7.78	117	42709	33.36	ng		93
19) n-Nitroso-di-n-propylamine	7.68	70	76037	31.35	ng		97
20) 3+4-Methylphenols	7.69	107	121064	33.55	ng		97
22) Acetophenone	7.68	105	156132	34.80	ng	#	93
24) Nitrobenzene	7.88	77	112737	33.85	ng	#	78
25) Isophorone	8.18	82	204180	32.70	ng		100
26) 2-Nitrophenol	8.27	139	55565	34.08	ng		95
27) 2,4-Dimethylphenol	8.34	122	106769	35.94	ng		98
28) bis(2-Chloroethoxy)methane	8.46	93	132121	34.86	ng		99
29) 2,4-Dichlorophenol	8.57	162	100614	35.53	ng		98
30) 1,2,4-Trichlorobenzene	8.67	180	103818	32.77	ng		99
31) Naphthalene	8.76	128	338513	32.52	ng		100
32) Benzoic acid	8.45	122	48731	30.61	ng		90
33) 4-Chloroaniline	8.84	127	82292	19.48	ng		97
34) Hexachlorobutadiene	8.92	225	57350	31.94	ng		99
35) Caprolactam	9.26	113	30005	36.26	ng		91
36) 4-Chloro-3-methylphenol	9.45	107	97665	34.28	ng		86
37) 2-Methylnaphthalene	9.62	142	235943	33.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	101870	33.96	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	94735	63.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	69275	33.34	ng		99
43) 2,4,5-Trichlorophenol	10.02	196	75017	33.42	ng	#	89
45) 1,1'-Biphenyl	10.20	154	270133	33.60	ng		99
46) 2-Chloronaphthalene	10.22	162	218750	33.48	ng		98
47) 2-Nitroaniline	10.35	65	56473	34.80	ng	#	83
48) Acenaphthylene	10.73	152	344484	31.71	ng		99
49) Dimethylphthalate	10.59	163	250218	33.55	ng		99
50) 2,6-Dinitrotoluene	10.67	165	55072	35.62	ng	#	68
51) Acenaphthene	10.95	154	202825	32.56	ng		99
52) 3-Nitroaniline	10.87	138	45598	25.39	ng		90
53) 2,4-Dinitrophenol	11.00	184	38483	68.98	ng	#	74
54) Dibenzofuran	11.16	168	307529	33.29	ng		95
55) 4-Nitrophenol	11.08	139	88133	66.26	ng	#	71
56) 2,4-Dinitrotoluene	11.16	165	75694	37.54	ng	#	76
57) Fluorene	11.59	166	248956	32.45	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.32	232	59623	34.49	ng	#	100
59) Diethylphthalate	11.47	149	244433	33.63	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	114809	32.79	ng		93
61) 4-Nitroaniline	11.62	138	61411	34.31	ng		84
62) Azobenzene	11.79	77	230689	33.21	ng		94
64) 4,6-Dinitro-2-methylphenol	11.67	198	25855	30.00	ng	#	71
65) n-Nitrosodiphenylamine	11.75	169	217235	33.63	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	68140	32.91	ng	#	90
67) Hexachlorobenzene	12.26	284	73674	32.39	ng	#	94
68) Atrazine	12.42	200	65185	36.01	ng		96
69) Pentachlorophenol	12.51	266	78023	66.04	ng		98
70) Phenanthrene	12.77	178	370178	33.24	ng		98
71) Anthracene	12.84	178	384821	34.97	ng		99
72) Carbazole	13.05	167	374379	35.77	ng		99
73) Di-n-butylphthalate	13.51	149	392502	33.44	ng		99
74) Fluoranthene	14.25	202	409469	33.33	ng		97
76) Benzidine	14.43	184	138011	26.28	ng		97
77) Pyrene	14.52	202	427559	32.23	ng		99
79) Butylbenzylphthalate	15.37	149	164935	31.53	ng		93
80) Benzo(a)anthracene	16.02	228	405761	32.44	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	90095	21.84	ng		98
82) Chrysene	16.07	228	388974	34.59	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	241058	30.42	ng		100
84) Di-n-octyl phthalate	16.87	149	404882	29.88	ng		99
85) Indeno(1,2,3-cd)pyrene	19.14	276	440746	31.40	ng	#	100
87) Benzo(b)fluoranthene	17.30	252	414276	31.35	ng		99
88) Benzo(k)fluoranthene	17.33	252	380264	36.85	ng		97
89) Benzo(a)pyrene	17.68	252	390119	35.39	ng	#	95
90) Dibenzo(a,h)anthracene	19.16	278	369911	33.83	ng		98
91) Benzo(g,h,i)perylene	19.54	276	377182	33.88	ng		97

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

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