Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078301.D
Acq On : 7 Apr 2015 16:41
Operator : TP/IZ
Sample : PB82574BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82574BS

Quant Time: Apr 08 01:39:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 01:52:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	31528	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	130601	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	66402	20.00	ng		0.00
63) Phenanthrene-d10	12.50	188	129313	20.00	ng		0.00
75) Chrysene-d12	15.77	240	134919	20.00	ng		-0.01
86) Perylene-d12	17.48	264	131630	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	272910	142.72	ng		0.01
7) Phenol-d6	6.53	99	351967	146.87	ng		0.00
23) Nitrobenzene-d5	7.63	82	196986	91.42	ng		0.00
41) 2,4,6-Tribromophenol	11.65	330	86587	157.23	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	421079	90.64	ng		0.00
78) Terphenyl-d14	14.50	244	522432	87.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	33190	38.38	ng		97
3) Pyridine	2.37	79	107018	47.25	ng		93
4) n-Nitrosodimethylamine	2.32	42	43793m	50.23	ng		
6) Aniline	6.52	93	67044	19.73	ng		98
8) 2-Chlorophenol	6.67	128	103373	45.72	ng		93
9) Benzaldehyde	6.37	77	40817	25.70	ng		98
10) Phenol	6.54	94	130028	45.28	ng		98
11) bis(2-Chloroethyl)ether	6.64	93	98194	47.55	ng		95
12) 1,3-Dichlorobenzene	6.85	146	110534	44.50	ng	#	93
13) 1,4-Dichlorobenzene	6.96	146	109933	43.97	ng		94
14) 1,2-Dichlorobenzene	7.14	146	105017	44.80	ng		95
15) Benzyl Alcohol	7.13	79	80010	47.51	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.31	45	127594	46.32	ng		98
17) 2-Methylphenol	7.29	107	78808	44.89	ng		96
18) Hexachloroethane	7.55	117	38907	46.15	ng	#	84
19) n-Nitroso-di-n-propylamine	7.46	70	69068	43.68	ng	#	85
20) 3+4-Methylphenols	7.49	107	109746	46.86	ng		91
22) Acetophenone	7.45	105	141759	46.59	ng	#	90
24) Nitrobenzene	7.65	77	103965	46.16	ng	#	86
25) Isophorone	7.96	82	186074	45.50	ng		98
26) 2-Nitrophenol	8.05	139	49044	45.69	ng		93
27) 2,4-Dimethylphenol	8.13	122	91934	46.06	ng		96
28) bis(2-Chloroethoxy)methane	8.25	93	119620	45.62	ng		99
29) 2,4-Dichlorophenol	8.35	162	84530	46.55	ng		87
30) 1,2,4-Trichlorobenzene	8.44	180	90547	43.49	ng		95
31) Naphthalene	8.53	128	300178	44.16	ng		99
32) Benzoic acid	8.27	122	55492	57.78	ng		95
33) 4-Chloroaniline	8.62	127	61048	21.64	ng		97
34) Hexachlorobutadiene	8.69	225	50402	44.09	ng		98
35) Caprolactam	9.05	113	26941	49.70	ng		97
36) 4-Chloro-3-methylphenol	9.25	107	85589	46.71	ng	#	77
37) 2-Methylnaphthalene	9.39	142	202171	43.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	85851	41.73	ng		97
40) Hexachlorocyclopentadiene	9.58	237	85810	95.44	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	62673	48.30	ng		98
43) 2,4,5-Trichlorophenol	9.80	196	65025	47.97	ng		94
45) 1,1'-Biphenyl	9.97	154	239907	44.17	ng		97
46) 2-Chloronaphthalene	10.00	162	189987	44.46	ng		95
47) 2-Nitroaniline	10.13	65	53478	50.58	ng	#	82
48) Acenaphthylene	10.50	152	308475	44.70	ng		100
49) Dimethylphthalate	10.37	163	222673	44.64	ng		98
50) 2,6-Dinitrotoluene	10.44	165	46797	45.59	ng	#	52
51) Acenaphthene	10.72	154	181243	46.65	ng		98
52) 3-Nitroaniline	10.65	138	34358	29.44	ng		90
53) 2,4-Dinitrophenol	10.78	184	30979	78.39	ng	#	84
54) Dibenzofuran	10.93	168	280822	47.32	ng		93
55) 4-Nitrophenol	10.89	139	80413	93.11	ng		86
56) 2,4-Dinitrotoluene	10.93	165	64998	48.90	ng	#	56
57) Fluorene	11.34	166	220247	45.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.09	232	51428	51.17	ng		98
59) Diethylphthalate	11.25	149	228638	47.53	ng		98
60) 4-Chlorophenyl-phenylether	11.37	204	104180	47.08	ng	#	87
61) 4-Nitroaniline	11.40	138	51038	43.26	ng		90
62) Azobenzene	11.56	77	237591	54.12	ng		88
64) 4,6-Dinitro-2-methylphenol	11.44	198	25655	41.40	ng	#	71
65) n-Nitrosodiphenylamine	11.52	169	196154	43.85	ng		98
66) 4-Bromophenyl-phenylether	11.96	248	61203	44.69	ng	#	88
67) Hexachlorobenzene	12.02	284	66354	44.22	ng		98
68) Atrazine	12.19	200	63373	48.92	ng		95
69) Pentachlorophenol	12.28	266	65583	96.75	ng		98
70) Phenanthrene	12.53	178	336442	44.98	ng		99
71) Anthracene	12.59	178	330339	44.82	ng		100
72) Carbazole	12.81	167	325825	47.17	ng		99
73) Di-n-butylphthalate	13.27	149	365523	46.71	ng		99
74) Fluoranthene	14.00	202	368409	46.70	ng		94
76) Benzidine	14.19	184	139083	26.77	ng		98
77) Pyrene	14.27	202	382721	45.19	ng		98
79) Butylbenzylphthalate	15.12	149	165910	51.40	ng		95
80) Benzo(a)anthracene	15.76	228	357177	44.49	ng		99
81) 3,3'-Dichlorobenzidine	15.75	252	81566	30.34	ng	#	98
82) Chrysene	15.80	228	339553	45.02	ng		99
83) Bis(2-ethylhexyl)phthalate	15.85	149	248500	49.08	ng		99
84) Di-n-octyl phthalate	16.63	149	427794	51.46	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.76	276	390603	45.64	ng	#	86
87) Benzo(b)fluoranthene	17.05	252	363090	44.63	ng		98
88) Benzo(k)fluoranthene	17.07	252	325048m	44.96	ng		
89) Benzo(a)pyrene	17.43	252	334597	47.13	ng		100
90) Dibenzo(a,h)anthracene	18.79	278	310407	43.67	ng	#	95
91) Benzo(g,h,i)perylene	19.13	276	312424	43.84	ng		99

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

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