Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
Data File : BF076758.D
Acq On : 6 Jan 2015 15:00
Operator : IZ / TP
Sample : PB81207BS
Misc : W DOD
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81207BS

Quant Time: Jan 07 10:08:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 07 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	47183	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	204003	20.00	ng		0.00
38) Acenaphthene-d10	10.45	164	110669	20.00	ng		-0.01
63) Phenanthrene-d10	12.27	188	192725	20.00	ng		0.00
75) Chrysene-d12	15.51	240	175837	20.00	ng		-0.01
86) Perylene-d12	17.17	264	157299	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	300666	108.03	ng		0.02
7) Phenol-d6	6.32	99	378687	111.41	ng		0.01
23) Nitrobenzene-d5	7.42	82	228041	66.48	ng		-0.01
41) 2,4,6-Tribromophenol	11.43	330	106205	113.55	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	473946	66.64	ng		0.00
78) Terphenyl-d14	14.25	244	496836	62.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.41	88	31484	26.47	ng	#	100
3) Pyridine	1.92	79	83761	27.97	ng		97
4) n-Nitrosodimethylamine	1.86	42	56389	38.92	ng		93
6) Aniline	6.29	93	81205m	16.73	ng		
8) 2-Chlorophenol	6.44	128	109340	34.30	ng		90
10) Phenol	6.34	94	131915	31.98	ng	#	78
11) bis(2-Chloroethyl)ether	6.41	93	107645	36.25	ng		98
12) 1,3-Dichlorobenzene	6.63	146	122145	33.01	ng		98
13) 1,4-Dichlorobenzene	6.73	146	124048	33.10	ng		97
14) 1,2-Dichlorobenzene	6.92	146	117124	32.96	ng		97
15) Benzyl Alcohol	6.93	79	106586	36.21	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	145562	33.84	ng		77
17) 2-Methylphenol	7.10	107	88618	33.84	ng	#	92
18) Hexachloroethane	7.34	117	46661	34.84	ng	#	79
19) n-Nitroso-di-n-propylamine	7.27	70	83404	33.60	ng	#	90
20) 3+4-Methylphenols	7.30	107	119047	33.66	ng		98
22) Acetophenone	7.25	105	182329	37.29	ng	#	89
24) Nitrobenzene	7.44	77	122026	34.31	ng		95
25) Isophorone	7.75	82	220142	33.30	ng	#	90
26) 2-Nitrophenol	7.84	139	60000	34.54	ng	#	84
27) 2,4-Dimethylphenol	7.94	122	104960	37.33	ng		90
28) bis(2-Chloroethoxy)methane	8.06	93	144560	37.25	ng		99
29) 2,4-Dichlorophenol	8.15	162	97976	35.46	ng		93
30) 1,2,4-Trichlorobenzene	8.24	180	100275	33.66	ng		98
31) Naphthalene	8.32	128	344705	34.11	ng		99
32) Benzoic acid	8.09	122	71797	43.01	ng		96
33) 4-Chloroaniline	8.42	127	78439	19.01	ng		96
34) Hexachlorobutadiene	8.49	225	58198	33.61	ng		92
35) Caprolactam	8.86	113	30079	37.75	ng		96
36) 4-Chloro-3-methylphenol	9.06	107	108253	35.20	ng		94
37) 2-Methylnaphthalene	9.18	142	235026	33.33	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	96145	35.32	ng	#	76
40) Hexachlorocyclopentadiene	9.37	237	99973	64.84	ng		92
42) 2,4,6-Trichlorophenol	9.56	196	64782	32.80	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.60	196	73331	34.51	ng		97
45) 1,1'-Biphenyl	9.77	154	294405	35.81	ng		98
46) 2-Chloronaphthalene	9.77	162	229498	35.20	ng		96
47) 2-Nitroaniline	9.92	65	74359	37.49	ng		95
48) Acenaphthylene	10.28	152	385855	34.79	ng		99
49) Dimethylphthalate	10.17	163	282541	36.09	ng		99
50) 2,6-Dinitrotoluene	10.24	165	63060	39.31	ng	#	87
51) Acenaphthene	10.49	154	223027	35.54	ng		98
52) 3-Nitroaniline	10.44	138	48089	26.40	ng	#	91
53) 2,4-Dinitrophenol	10.57	184	42492	53.89	ng		95
54) Dibenzofuran	10.71	168	334817	36.89	ng		98
55) 4-Nitrophenol	10.69	139	142270m	101.88	ng		
56) 2,4-Dinitrotoluene	10.72	165	87250	40.82	ng	#	56
57) Fluorene	11.12	166	268922	35.27	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.87	232	58589	37.07	ng	#	100
59) Diethylphthalate	11.04	149	284128	35.53	ng		99
60) 4-Chlorophenyl-phenylether	11.15	204	121465	36.82	ng	#	71
61) 4-Nitroaniline	11.18	138	58083	30.34	ng		92
62) Azobenzene	11.34	77	283171	35.94	ng		89
64) 4,6-Dinitro-2-methylphenol	11.23	198	32929	27.31	ng	#	68
65) n-Nitrosodiphenylamine	11.31	169	231839	34.24	ng		100
66) 4-Bromophenyl-phenylether	11.75	248	70428	37.52	ng	#	71
67) Hexachlorobenzene	11.79	284	74460	33.98	ng	#	87
68) Atrazine	11.99	200	76809	37.97	ng		98
69) Pentachlorophenol	12.05	266	72471	67.57	ng		96
70) Phenanthrene	12.30	178	402504	34.61	ng		99
71) Anthracene	12.36	178	417168	36.57	ng		99
72) Carbazole	12.57	167	363602	32.86	ng		97
73) Di-n-butylphthalate	13.05	149	482480	35.50	ng		99
74) Fluoranthene	13.75	202	439405	37.01	ng		94
76) Benzidine	13.96	184	176265	24.05	ng		100
77) Pyrene	14.03	202	438140	35.62	ng		99
79) Butylbenzylphthalate	14.89	149	219007	37.24	ng		97
80) Benzo(a)anthracene	15.50	228	386843	35.33	ng		99
81) 3,3'-Dichlorobenzidine	15.50	252	75228	20.55	ng		97
82) Chrysene	15.53	228	366257	36.55	ng		98
83) Bis(2-ethylhexyl)phthalate	15.61	149	297181	33.40	ng		97
84) Di-n-octyl phthalate	16.39	149	543540	35.78	ng		99
85) Indeno(1,2,3-cd)pyrene	18.32	276	402886m	36.64	ng		
87) Benzo(b)fluoranthene	16.75	252	398513	38.40	ng	#	97
88) Benzo(k)fluoranthene	16.78	252	300687m	31.11	ng		
89) Benzo(a)pyrene	17.11	252	338355	36.54	ng	#	98
90) Dibenzo(a,h)anthracene	18.35	278	311489	33.94	ng		99
91) Benzo(g,h,i)perylene	18.63	276	333109m	37.30	ng		

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

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