Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
Data File : BF076759.D
Acq On : 6 Jan 2015 15:28
Operator : IZ / TP
Sample : PB81207BSD
Misc : W DOD
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81207BSD

Quant Time: Jan 07 10:10:25 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	45031	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	200119	20.00	ng		0.00
38) Acenaphthene-d10	10.45	164	110319	20.00	ng		-0.01
63) Phenanthrene-d10	12.27	188	187986	20.00	ng		0.00
75) Chrysene-d12	15.51	240	172477	20.00	ng		-0.01
86) Perylene-d12	17.20	264	152448	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	307867	115.91	ng		0.02
7) Phenol-d6	6.32	99	377906	116.49	ng		0.01
23) Nitrobenzene-d5	7.42	82	240055	71.34	ng		-0.01
41) 2,4,6-Tribromophenol	11.43	330	107804	115.62	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	496553	70.04	ng		0.00
78) Terphenyl-d14	14.25	244	501673	64.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.41	88	31080	27.37	ng	#	100
3) Pyridine	1.92	79	80555	28.18	ng		98
4) n-Nitrosodimethylamine	1.86	42	54806	39.64	ng	#	98
6) Aniline	6.29	93	91509	19.75	ng	#	85
8) 2-Chlorophenol	6.44	128	113064	37.17	ng		93
10) Phenol	6.34	94	131203	33.32	ng	#	75
11) bis(2-Chloroethyl)ether	6.41	93	109366	38.59	ng		95
12) 1,3-Dichlorobenzene	6.63	146	117723	33.34	ng		99
13) 1,4-Dichlorobenzene	6.73	146	120845	33.79	ng		95
14) 1,2-Dichlorobenzene	6.92	146	115770	34.13	ng		96
15) Benzyl Alcohol	6.93	79	108906	38.77	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	143589	34.97	ng		78
17) 2-Methylphenol	7.10	107	90394	36.16	ng	#	93
18) Hexachloroethane	7.34	117	47258	36.97	ng	#	78
19) n-Nitroso-di-n-propylamine	7.27	70	83949	35.43	ng	#	92
20) 3+4-Methylphenols	7.30	107	119347	35.36	ng		92
22) Acetophenone	7.25	105	181689	37.88	ng	#	91
24) Nitrobenzene	7.44	77	126075	36.14	ng		94
25) Isophorone	7.75	82	227219	35.03	ng	#	89
26) 2-Nitrophenol	7.84	139	61552	36.12	ng	#	87
27) 2,4-Dimethylphenol	7.94	122	105374	38.21	ng		95
28) bis(2-Chloroethoxy)methane	8.06	93	146295	38.43	ng		99
29) 2,4-Dichlorophenol	8.15	162	104297	38.48	ng		93
30) 1,2,4-Trichlorobenzene	8.24	180	102241	34.99	ng		96
31) Naphthalene	8.32	128	350760	35.38	ng		100
32) Benzoic acid	8.10	122	66296	40.77	ng		97
33) 4-Chloroaniline	8.42	127	78461	19.39	ng		97
34) Hexachlorobutadiene	8.49	225	58588	34.49	ng		95
35) Caprolactam	8.86	113	33686	43.10	ng	#	77
36) 4-Chloro-3-methylphenol	9.06	107	113297	37.56	ng		95
37) 2-Methylnaphthalene	9.18	142	233348	33.74	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	101512	37.41	ng	#	80
40) Hexachlorocyclopentadiene	9.37	237	104473	67.65	ng		95
42) 2,4,6-Trichlorophenol	9.56	196	67450	34.26	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.60	196	71696	33.85	ng		95
45) 1,1'-Biphenyl	9.77	154	307309	37.50	ng		97
46) 2-Chloronaphthalene	9.77	162	237733	36.57	ng		97
47) 2-Nitroaniline	9.92	65	75576	38.22	ng		95
48) Acenaphthylene	10.28	152	389960	35.27	ng		98
49) Dimethylphthalate	10.17	163	282826	36.24	ng		99
50) 2,6-Dinitrotoluene	10.24	165	62583	39.14	ng	#	85
51) Acenaphthene	10.49	154	232807	37.22	ng		97
52) 3-Nitroaniline	10.44	138	48907	26.94	ng		90
53) 2,4-Dinitrophenol	10.57	184	44502	55.86	ng		96
54) Dibenzofuran	10.71	168	340595	37.64	ng		97
55) 4-Nitrophenol	10.69	139	139872m	100.48	ng		
56) 2,4-Dinitrotoluene	10.72	165	83155	39.02	ng	#	49
57) Fluorene	11.12	166	273122	35.94	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.87	232	59378	37.69	ng	#	100
59) Diethylphthalate	11.04	149	295976	37.13	ng		100
60) 4-Chlorophenyl-phenylether	11.16	204	122517	37.25	ng		97
61) 4-Nitroaniline	11.18	138	58657	30.74	ng		91
62) Azobenzene	11.34	77	293379	37.35	ng		88
64) 4,6-Dinitro-2-methylphenol	11.23	198	33588	28.56	ng	#	72
65) n-Nitrosodiphenylamine	11.31	169	237320	35.94	ng		98
66) 4-Bromophenyl-phenylether	11.75	248	72936	39.83	ng	#	67
67) Hexachlorobenzene	11.79	284	78180	36.58	ng	#	88
68) Atrazine	11.99	200	77799	39.43	ng		96
69) Pentachlorophenol	12.05	266	75347	72.02	ng		97
70) Phenanthrene	12.30	178	404615	35.67	ng		99
71) Anthracene	12.36	178	414535	37.25	ng		99
72) Carbazole	12.57	167	363366	33.67	ng		99
73) Di-n-butylphthalate	13.05	149	491256	37.06	ng		99
74) Fluoranthene	13.75	202	426988	36.87	ng		96
76) Benzidine	13.96	184	177229	24.66	ng		99
77) Pyrene	14.03	202	437172	36.23	ng		99
79) Butylbenzylphthalate	14.89	149	222105	38.50	ng		96
80) Benzo(a)anthracene	15.50	228	392847	36.58	ng		96
81) 3,3'-Dichlorobenzidine	15.50	252	80750	22.49	ng		99
82) Chrysene	15.55	228	356593	36.28	ng		98
83) Bis(2-ethylhexyl)phthalate	15.61	149	296418	33.96	ng		99
84) Di-n-octyl phthalate	16.40	149	513918	34.49	ng		100
85) Indeno(1,2,3-cd)pyrene	18.38	276	404408m	37.50	ng		
87) Benzo(b)fluoranthene	16.77	252	411629	40.93	ng		99
88) Benzo(k)fluoranthene	16.80	252	292012m	31.18	ng		
89) Benzo(a)pyrene	17.15	252	339765	37.86	ng	#	97
90) Dibenzo(a,h)anthracene	18.40	278	332591	37.39	ng		99
91) Benzo(g,h,i)perylene	18.69	276	324729	37.52	ng		98

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

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