Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
Data File : BF094588.D
Acq On : 24 Apr 2017 16:36
Operator : SJ/MA
Sample : PB98421BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98421BS

Quant Time: Apr 25 05:25:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	151540	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	576796	20.00	ng		0.00
38) Acenaphthene-d10	9.38	164	244119	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	391737	20.00	ng		-0.01
75) Chrysene-d12	14.45	240	260216	20.00	ng		-0.01
86) Perylene-d12	16.08	264	240152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	1121872	122.82	ng		0.02
7) Phenol-d6	5.40	99	1335558	124.03	ng		0.00
23) Nitrobenzene-d5	6.41	82	851750	91.18	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	243318	127.43	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1453122	87.58	ng		0.00
78) Terphenyl-d14	13.18	244	1033584	106.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	142204	26.77	ng		95
3) Pyridine	2.68	79	421091	36.27	ng		99
4) n-Nitrosodimethylamine	2.62	42	189185	39.38	ng		84
6) Aniline	5.40	93	446628	31.21	ng	#	84
8) 2-Chlorophenol	5.54	128	433438	41.70	ng		97
9) Benzaldehyde	5.26	77	141304	17.25	ng		98
10) Phenol	5.41	94	516561	39.05	ng		92
11) bis(2-Chloroethyl)ether	5.48	93	414516	42.89	ng		98
12) 1,3-Dichlorobenzene	5.70	146	463415	40.24	ng		99
13) 1,4-Dichlorobenzene	5.78	146	469181	40.50	ng		96
14) 1,2-Dichlorobenzene	5.95	146	425218	39.85	ng		97
15) Benzyl Alcohol	5.94	79	317596	39.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.09	45	533665	42.12	ng	#	37
17) 2-Methylphenol	6.08	107	343324	41.94	ng	#	92
18) Hexachloroethane	6.34	117	151624	38.18	ng		90
19) n-Nitroso-di-n-propylamine	6.25	70	304634	42.70	ng		95
20) 3+4-Methylphenols	6.27	107	466553	41.94	ng	#	61
22) Acetophenone	6.24	105	622786	44.41	ng	#	85
24) Nitrobenzene	6.44	77	427573	43.47	ng		93
25) Isophorone	6.72	82	784471	45.30	ng	#	94
26) 2-Nitrophenol	6.81	139	222455	42.09	ng		98
27) 2,4-Dimethylphenol	6.88	122	375296	43.72	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	507434	45.30	ng		99
29) 2,4-Dichlorophenol	7.11	162	354890	44.44	ng		98
30) 1,2,4-Trichlorobenzene	7.19	180	356224	43.15	ng		99
31) Naphthalene	7.28	128	1177853	42.48	ng		100
32) Benzoic acid	7.08	122	196894	43.37	ng		98
33) 4-Chloroaniline	7.35	127	148312	12.86	ng	#	91
34) Hexachlorobutadiene	7.43	225	178912	43.47	ng		98
35) Caprolactam	7.82	113	112420m	44.81	ng		
36) 4-Chloro-3-methylphenol	7.99	107	362263	43.29	ng		91
37) 2-Methylnaphthalene	8.12	142	806651	42.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	314491	45.24	ng		99
40) Hexachlorocyclopentadiene	8.31	237	144533	51.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	225777	46.25 ng		99
43) 2,4,5-Trichlorophenol	8.54	196	224760	44.83 ng		93
45) 1,1'-Biphenyl	8.70	154	868779	43.56 ng		98
46) 2-Chloronaphthalene	8.71	162	704997	44.45 ng		96
47) 2-Nitroaniline	8.85	65	206144	45.19 ng		88
48) Acenaphthylene	9.21	152	1077240	43.57 ng		99
49) Dimethylphthalate	9.09	163	880591	48.40 ng		99
50) 2,6-Dinitrotoluene	9.15	165	184815	45.26 ng	#	89
51) Acenaphthene	9.43	154	647022	43.70 ng		99
52) 3-Nitroaniline	9.35	138	91717	19.41 ng		93
53) 2,4-Dinitrophenol	9.50	184	36576	21.08 ng	#	70
54) Dibenzofuran	9.64	168	946407	43.97 ng		100
55) 4-Nitrophenol	9.62	139	277093m	83.02 ng		
56) 2,4-Dinitrotoluene	9.65	165	226234	45.15 ng	#	89
57) Fluorene	10.06	166	702362	41.91 ng		99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	161706	45.00 ng	#	95
59) Diethylphthalate	9.95	149	811044	47.25 ng		100
60) 4-Chlorophenyl-phenylether	10.07	204	319211	45.77 ng	#	87
61) 4-Nitroaniline	10.11	138	161001	33.52 ng		95
62) Azobenzene	10.27	77	752542	45.15 ng		93
64) 4,6-Dinitro-2-methylphenol	10.15	198	33869	13.20 ng	#	76
65) n-Nitrosodiphenylamine	10.22	169	672379	49.35 ng		100
66) 4-Bromophenyl-phenylether	10.67	248	194772	50.07 ng		98
67) Hexachlorobenzene	10.74	284	187703	47.88 ng	#	86
68) Atrazine	10.90	200	207146	50.82 ng		96
69) Pentachlorophenol	11.00	266	152098	97.71 ng		98
70) Phenanthrene	11.24	178	979466	44.40 ng		98
71) Anthracene	11.30	178	1005646	44.07 ng		99
72) Carbazole	11.51	167	921220	43.01 ng		98
73) Di-n-butylphthalate	11.96	149	1215290	51.54 ng		98
74) Fluoranthene	12.69	202	894605	39.13 ng		98
76) Benzidine	12.88	184	592216	56.21 ng	#	93
77) Pyrene	12.97	202	876933	48.24 ng		99
79) Butylbenzylphthalate	13.79	149	432544	54.29 ng		89
80) Benzo(a)anthracene	14.44	228	691272	45.70 ng		99
81) 3,3'-Dichlorobenzidine	14.42	252	214298	40.03 ng	#	97
82) Chrysene	14.49	228	627556	45.40 ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	628980	58.80 ng	#	100
84) Di-n-octyl phthalate	15.27	149	997098	55.57 ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	649248	49.37 ng		99
87) Benzo(b)fluoranthene	15.68	252	656938	44.72 ng		98
88) Benzo(k)fluoranthene	15.71	252	632862	45.52 ng		96
89) Benzo(a)pyrene	16.02	252	621950	45.51 ng		98
90) Dibenzo(a,h)anthracene	17.38	278	545447	48.06 ng		99
91) Benzo(g,h,i)perylene	17.73	276	527980	45.70 ng		99

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

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