Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088712.D
Acq On : 5 Jul 2016 19:41
Operator : UM/SJ
Sample : PB91868BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91868BS

Quant Time: Jul 06 02:03:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

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7/6/2016 7:19:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	109609	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	445790	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	219565	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	416275	20.00	ng		0.00
75) Chrysene-d12	13.92	240	262513	20.00	ng		0.00
86) Perylene-d12	15.30	264	215029	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	733097	100.24	ng		0.01
7) Phenol-d6	6.42	99	997165	105.52	ng		0.01
23) Nitrobenzene-d5	7.35	82	747945	87.92	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	293009	143.71	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1214436	87.37	ng		0.00
78) Terphenyl-d14	12.87	244	1033722	87.71	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.08	79	295021	28.04	ng		93
4) n-Nitrosodimethylamine	3.05	42	131044	32.60	ng		88
6) Aniline	6.43	93	355157	25.79	ng	#	1
8) 2-Chlorophenol	6.56	128	304067	38.68	ng		96
9) Benzaldehyde	6.32	77	253330	39.58	ng		87
10) Phenol	6.43	94	428113	39.69	ng	#	69
11) bis(2-Chloroethyl)ether	6.51	93	283157	35.21	ng		93
12) 1,3-Dichlorobenzene	6.72	146	331264	38.30	ng		97
13) 1,4-Dichlorobenzene	6.80	146	325471	37.91	ng		96
14) 1,2-Dichlorobenzene	6.95	146	311296m	38.74	ng		
15) Benzyl Alcohol	6.92	79	297595	42.79	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	365158	31.35	ng		89
17) 2-Methylphenol	7.04	107	263203	41.05	ng		96
18) Hexachloroethane	7.29	117	129211	38.91	ng		90
19) n-Nitroso-di-n-propylamine	7.20	70	222094	34.99	ng		93
20) 3+4-Methylphenols	7.20	107	345829	44.94	ng		92
22) Acetophenone	7.19	105	440010	40.67	ng	#	88
24) Nitrobenzene	7.36	77	324248	37.80	ng	#	83
25) Isophorone	7.60	82	667309	42.35	ng		95
26) 2-Nitrophenol	7.68	139	176170	50.09	ng		93
27) 2,4-Dimethylphenol	7.72	122	314446	42.93	ng		89
28) bis(2-Chloroethoxy)methane	7.82	93	389218	37.96	ng	#	96
29) 2,4-Dichlorophenol	7.92	162	257680	43.52	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	268204	41.28	ng		99
31) Naphthalene	8.08	128	889837	40.49	ng		99
32) Benzoic acid	7.82	122	50050	9.41	ng		91
33) 4-Chloroaniline	8.14	127	221749	22.68	ng	#	93
34) Hexachlorobutadiene	8.20	225	142867	41.07	ng		100
35) Caprolactam	8.51	113	89262m	44.39	ng		
36) 4-Chloro-3-methylphenol	8.62	107	317304	45.32	ng		90
37) 2-Methylnaphthalene	8.78	142	628550	44.42	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	243178	33.30	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	288806	80.57	ng		98
42) 2,4,6-Trichlorophenol	9.05	196	194130	40.32	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	198634	47.95	ng		98
45) 1,1'-Biphenyl	9.23	154	712056	39.16	ng		99
46) 2-Chloronaphthalene	9.26	162	556722	39.00	ng		96
47) 2-Nitroaniline	9.36	65	221287	43.69	ng		86
48) Acenaphthylene	9.68	152	958032	42.18	ng		99
49) Dimethylphthalate	9.54	163	660492	42.22	ng		99
50) 2,6-Dinitrotoluene	9.60	165	140728	40.59	ng	#	46
51) Acenaphthene	9.85	154	608616	43.72	ng		97
52) 3-Nitroaniline	9.76	138	100994	22.92	ng		83
53) 2,4-Dinitrophenol	9.87	184	59724	39.02	ng	#	85
54) Dibenzofuran	10.02	168	841275	46.17	ng		95
55) 4-Nitrophenol	9.94	139	291254	86.96	ng		89
56) 2,4-Dinitrotoluene	10.00	165	204933	45.21	ng	#	45
57) Fluorene	10.35	166	584683	41.64	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	155705	48.58	ng	#	48
59) Diethylphthalate	10.24	149	665150	42.37	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	270122	41.40	ng		95
61) 4-Nitroaniline	10.39	138	173513	40.91	ng		93
62) Azobenzene	10.51	77	820590	45.83	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	64664	29.04	ng		81
65) n-Nitrosodiphenylamine	10.48	169	585191	41.54	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	185227	44.15	ng		92
67) Hexachlorobenzene	10.90	284	173397	37.34	ng		95
68) Atrazine	11.00	200	187649	42.74	ng		93
69) Pentachlorophenol	11.10	266	160490	58.40	ng		97
70) Phenanthrene	11.31	178	865184	38.02	ng		100
71) Anthracene	11.37	178	981280	43.37	ng		99
72) Carbazole	11.52	167	784965	36.86	ng		99
73) Di-n-butylphthalate	11.86	149	1116560	45.08	ng		99
74) Fluoranthene	12.49	202	851630	36.92	ng		97
76) Benzidine	12.62	184	572016	43.11	ng		98
77) Pyrene	12.72	202	831252	37.35	ng		100
79) Butylbenzylphthalate	13.35	149	446093	44.93	ng	#	84
80) Benzo(a)anthracene	13.91	228	712206	42.13	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	146177	23.00	ng		99
82) Chrysene	13.94	228	716511	42.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	519973	45.87	ng		99
84) Di-n-octyl phthalate	14.51	149	801627	41.63	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	576976	44.84	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	588297m	43.61	ng		
88) Benzo(k)fluoranthene	14.94	252	468038m	39.86	ng		
89) Benzo(a)pyrene	15.25	252	492279	43.10	ng		97
90) Dibenzo(a,h)anthracene	16.65	278	469441	49.22	ng		99
91) Benzo(g,h,i)perylene	17.04	276	496078	50.27	ng		96

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

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