Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091183.D
Acq On : 15 Nov 2016 17:16
Operator : UM/SJ
Sample : H5636-10MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041MS

Quant Time: Nov 16 06:45:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	177469	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	779533	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	397164	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	649693	20.00	ng		-0.02
75) Chrysene-d12	13.79	240	504730	20.00	ng		-0.02
86) Perylene-d12	15.15	264	433706	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	674482	62.77	ng		-0.02
7) Phenol-d6	6.29	99	573339	39.31	ng		-0.02
23) Nitrobenzene-d5	7.21	82	1359548	95.14	ng		-0.03
41) 2,4,6-Tribromophenol	10.48	330	644557	179.51	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	2414663	104.67	ng		-0.02
78) Terphenyl-d14	12.74	244	2096370	103.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	87368	14.21	ng	#	87
3) Pyridine	2.80	79	212443	14.77	ng		100
4) n-Nitrosodimethylamine	2.74	42	93289	16.40	ng		94
6) Aniline	6.30	93	331920	19.29	ng	#	81
8) 2-Chlorophenol	6.42	128	519077	40.50	ng		99
9) Benzaldehyde	6.19	77	55974	6.91	ng		90
10) Phenol	6.30	94	260828	16.16	ng		88
11) bis(2-Chloroethyl)ether	6.37	93	628506	46.21	ng		98
12) 1,3-Dichlorobenzene	6.57	146	624291m	48.16	ng		
13) 1,4-Dichlorobenzene	6.65	146	651182m	46.82	ng		
14) 1,2-Dichlorobenzene	6.81	146	636605	49.87	ng		98
15) Benzyl Alcohol	6.80	79	292675	28.45	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.93	45	840866	43.17	ng		87
17) 2-Methylphenol	6.92	107	336480	33.16	ng	#	88
18) Hexachloroethane	7.15	117	258384m	48.00	ng		
19) n-Nitroso-di-n-propylamine	7.07	70	524505	51.89	ng		94
20) 3+4-Methylphenols	7.08	107	388842	31.92	ng		98
22) Acetophenone	7.06	105	936165	52.16	ng	#	93
24) Nitrobenzene	7.23	77	726840	46.05	ng		99
25) Isophorone	7.47	82	1413008	51.32	ng		99
26) 2-Nitrophenol	7.55	139	364459	54.57	ng	#	76
27) 2,4-Dimethylphenol	7.61	122	512567	46.41	ng		98
28) bis(2-Chloroethoxy)methane	7.69	93	828535	55.08	ng		99
29) 2,4-Dichlorophenol	7.80	162	506326	52.52	ng		93
30) 1,2,4-Trichlorobenzene	7.87	180	576781	53.21	ng		99
31) Naphthalene	7.95	128	2355064	63.17	ng		97
32) Benzoic acid	7.73	122	79946	13.37	ng		99
33) 4-Chloroaniline	8.01	127	193752	12.50	ng	#	93
34) Hexachlorobutadiene	8.06	225	302568	51.72	ng		100
35) Caprolactam	8.43	113	8332	2.75	ng	#	75
36) 4-Chloro-3-methylphenol	8.50	107	528696	45.30	ng		87
37) 2-Methylnaphthalene	8.64	142	1321785	55.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	565240	55.82	ng		99
40) Hexachlorocyclopentadiene	8.80	237	440287	109.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	369530	56.53	ng		96
43) 2,4,5-Trichlorophenol	8.98	196	363467	52.96	ng	#	92
45) 1,1'-Biphenyl	9.10	154	1344429	46.36	ng		98
46) 2-Chloronaphthalene	9.13	162	1079050	49.01	ng		99
47) 2-Nitroaniline	9.24	65	376662	46.10	ng	#	80
48) Acenaphthylene	9.54	152	1497575	43.64	ng		97
49) Dimethylphthalate	9.42	163	1454026	55.83	ng		99
50) 2,6-Dinitrotoluene	9.48	165	287835	51.57	ng	#	72
51) Acenaphthene	9.71	154	998515	46.35	ng		99
52) 3-Nitroaniline	9.65	138	78453	11.85	ng		80
53) 2,4-Dinitrophenol	9.77	184	273332	89.13	ng		92
54) Dibenzofuran	9.88	168	1491527	51.44	ng		96
55) 4-Nitrophenol	9.84	139	106635m	28.19	ng		
56) 2,4-Dinitrotoluene	9.89	165	437618	61.63	ng	#	76
57) Fluorene	10.22	166	1151840	48.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	316253	58.82	ng		92
59) Diethylphthalate	10.11	149	1363692	51.07	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	588395	54.54	ng		98
61) 4-Nitroaniline	10.27	138	262050m	39.14	ng		
62) Azobenzene	10.38	77	1204101m	38.31	ng		
64) 4,6-Dinitro-2-methylphenol	10.30	198	199498	50.15	ng		94
65) n-Nitrosodiphenylamine	10.35	169	1199727	58.10	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	391112	57.88	ng	#	83
67) Hexachlorobenzene	10.77	284	465154	62.41	ng	#	89
68) Atrazine	10.89	200	336030	56.40	ng		99
69) Pentachlorophenol	10.98	266	465446	141.00	ng		98
70) Phenanthrene	11.18	178	2139714	61.95	ng		99
71) Anthracene	11.23	178	1753431	47.75	ng		99
72) Carbazole	11.39	167	1608793	48.62	ng		99
73) Di-n-butylphthalate	11.73	149	2127630	51.13	ng		99
74) Fluoranthene	12.36	202	1970488	55.01	ng		95
76) Benzidine	12.50	184	554537	49.18	ng		97
77) Pyrene	12.59	202	2097845	63.47	ng		98
79) Butylbenzylphthalate	13.22	149	1101965	69.70	ng	#	82
80) Benzo(a)anthracene	13.78	228	1641760	57.29	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	298867	29.68	ng	#	99
82) Chrysene	13.81	228	1812244	64.13	ng		96
83) Bis(2-ethylhexyl)phthalate	13.78	149	1151515	53.82	ng	#	95
84) Di-n-octyl phthalate	14.39	149	2146743	61.02	ng		96
85) Indeno(1,2,3-cd)pyrene	16.43	276	1447168	61.72	ng		95
87) Benzo(b)fluoranthene	14.79	252	1997707m	67.91	ng		
88) Benzo(k)fluoranthene	14.81	252	1249026m	48.41	ng		
89) Benzo(a)pyrene	15.11	252	1488188	58.11	ng	#	98
90) Dibenzo(a,h)anthracene	16.44	278	1238424	55.94	ng	#	94
91) Benzo(g,h,i)perylene	16.81	276	1137146	56.80	ng		95

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

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