Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091200.D
Acq On : 16 Nov 2016 20:49
Operator : UM/SJ
Sample : H5636-10MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041MS

Quant Time: Nov 17 00:51:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	198133	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	871979	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	424495	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	688881	20.00	ng		0.01
75) Chrysene-d12	13.78	240	504250	20.00	ng		0.00
86) Perylene-d12	15.15	264	383862	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	789281	65.79	ng		0.01
7) Phenol-d6	6.28	99	654255	40.18	ng		0.00
23) Nitrobenzene-d5	7.20	82	1524893	95.40	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	641634	167.19	ng		0.01
44) 2-Fluorobiphenyl	9.00	172	2581904	104.71	ng		0.01
78) Terphenyl-d14	12.73	244	2404295	118.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	105164	15.32	ng	#	97
3) Pyridine	2.77	79	227101	14.15	ng		99
4) n-Nitrosodimethylamine	2.72	42	105030	16.54	ng		96
6) Aniline	6.28	93	433145	22.55	ng		95
8) 2-Chlorophenol	6.41	128	597790	41.77	ng		91
9) Benzaldehyde	6.17	77	68035	7.53	ng		92
10) Phenol	6.29	94	288111	15.99	ng		84
11) bis(2-Chloroethyl)ether	6.36	93	707064	46.56	ng		95
12) 1,3-Dichlorobenzene	6.56	146	699609m	48.34	ng		
13) 1,4-Dichlorobenzene	6.64	146	746027	48.04	ng		96
14) 1,2-Dichlorobenzene	6.80	146	686835	48.19	ng		96
15) Benzyl Alcohol	6.78	79	338752	29.49	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.91	45	935623	43.03	ng	#	55
17) 2-Methylphenol	6.91	107	385295	34.01	ng	#	86
18) Hexachloroethane	7.13	117	349241	58.11	ng	#	88
19) n-Nitroso-di-n-propylamine	7.06	70	580088	51.41	ng		95
20) 3+4-Methylphenols	7.07	107	442813	32.56	ng		98
22) Acetophenone	7.05	105	1059275	52.76	ng	#	93
24) Nitrobenzene	7.22	77	841479	47.67	ng		99
25) Isophorone	7.46	82	1607229	52.18	ng		100
26) 2-Nitrophenol	7.54	139	412619	55.23	ng	#	73
27) 2,4-Dimethylphenol	7.60	122	576790	46.68	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	940331	55.88	ng		99
29) 2,4-Dichlorophenol	7.79	162	570959	52.95	ng		93
30) 1,2,4-Trichlorobenzene	7.86	180	646011	53.28	ng		99
31) Naphthalene	7.94	128	2700616	64.76	ng		97
32) Benzoic acid	7.72	122	90844	13.50	ng		96
33) 4-Chloroaniline	8.00	127	331635	19.12	ng		96
34) Hexachlorobutadiene	8.05	225	348326	53.23	ng		98
35) Caprolactam	8.42	113	14924	4.41	ng	#	82
36) 4-Chloro-3-methylphenol	8.49	107	576910	44.19	ng		90
37) 2-Methylnaphthalene	8.62	142	1538579	57.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	619435	57.23	ng		99
40) Hexachlorocyclopentadiene	8.78	237	480128	111.43	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	419532	60.05	ng		97
43) 2,4,5-Trichlorophenol	8.97	196	385634	52.57	ng	#	91
45) 1,1'-Biphenyl	9.09	154	1410176	45.50	ng		99
46) 2-Chloronaphthalene	9.12	162	1152698	48.98	ng		99
47) 2-Nitroaniline	9.23	65	403912	46.25	ng		87
48) Acenaphthylene	9.53	152	1779130	48.51	ng		97
49) Dimethylphthalate	9.41	163	1490201	53.54	ng		100
50) 2,6-Dinitrotoluene	9.47	165	301855	50.60	ng	#	78
51) Acenaphthene	9.70	154	1091871	47.42	ng		100
52) 3-Nitroaniline	9.64	138	138951	19.64	ng		80
53) 2,4-Dinitrophenol	9.76	184	300270	91.44	ng		95
54) Dibenzofuran	9.87	168	1697934	54.78	ng		97
55) 4-Nitrophenol	9.82	139	119014m	29.18	ng		
56) 2,4-Dinitrotoluene	9.88	165	452210	59.58	ng	#	91
57) Fluorene	10.21	166	1289448	50.90	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	348236	60.60	ng		90
59) Diethylphthalate	10.11	149	1517849	53.19	ng		97
60) 4-Chlorophenyl-phenylether	10.21	204	610452	52.94	ng		95
61) 4-Nitroaniline	10.26	138	291643	40.75	ng		93
62) Azobenzene	10.37	77	1467158	43.67	ng		97
64) 4,6-Dinitro-2-methylphenol	10.29	198	238891	56.63	ng		96
65) n-Nitrosodiphenylamine	10.34	169	1260351	57.56	ng		98
66) 4-Bromophenyl-phenylether	10.69	248	426765	59.56	ng		89
67) Hexachlorobenzene	10.76	284	467753	59.19	ng		93
68) Atrazine	10.88	200	340836	53.96	ng		98
69) Pentachlorophenol	10.97	266	486451	138.98	ng		99
70) Phenanthrene	11.17	178	2011320	54.92	ng		99
71) Anthracene	11.23	178	2000296	51.38	ng		99
72) Carbazole	11.39	167	1866455	53.20	ng		97
73) Di-n-butylphthalate	11.72	149	1990608	45.11	ng		98
74) Fluoranthene	12.35	202	2038658	53.68	ng		97
76) Benzidine	12.49	184	262117	23.27	ng		98
77) Pyrene	12.58	202	1872994	56.72	ng		99
79) Butylbenzylphthalate	13.21	149	945369	59.85	ng		99
80) Benzo(a)anthracene	13.77	228	1658969	57.95	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	323996	32.21	ng	#	95
82) Chrysene	13.80	228	1650994	58.48	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	1279432	59.85	ng	#	94
84) Di-n-octyl phthalate	14.39	149	2073543	59.00	ng		96
85) Indeno(1,2,3-cd)pyrene	16.42	276	1306519	55.78	ng		97
87) Benzo(b)fluoranthene	14.77	252	1412562m	54.26	ng		
88) Benzo(k)fluoranthene	14.81	252	1532401m	67.10	ng		
89) Benzo(a)pyrene	15.09	252	1249242	55.12	ng	#	96
90) Dibenzo(a,h)anthracene	16.43	278	1103684	56.33	ng		98
91) Benzo(g,h,i)perylene	16.80	276	1010808	57.05	ng		98

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

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