Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091258.D
Acq On : 21 Nov 2016 22:14
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Nov 22 10:29:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:03:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	219616	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	845000	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	450335	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	915343	20.00	ng		0.00
75) Chrysene-d12	13.72	240	476980	20.00	ng		0.01
86) Perylene-d12	15.07	264	441124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1530903	116.46	ng		0.01
7) Phenol-d6	6.24	99	1918163	108.89	ng		0.00
23) Nitrobenzene-d5	7.15	82	1888195	121.30	ng		0.00
41) 2,4,6-Tribromophenol	10.41	330	533475	130.83	ng		0.01
44) 2-Fluorobiphenyl	8.94	172	2716811	103.18	ng		0.00
78) Terphenyl-d14	12.67	244	2413554	125.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	343829	46.70	ng		98
3) Pyridine	2.61	79	948425	54.04	ng		97
4) n-Nitrosodimethylamine	2.59	42	532852	73.36	ng		95
6) Aniline	6.24	93	1119986	54.13	ng		93
8) 2-Chlorophenol	6.36	128	842412	54.42	ng		92
9) Benzaldehyde	6.12	77	419881	43.96	ng		87
10) Phenol	6.26	94	1025710	51.81	ng		92
11) bis(2-Chloroethyl)ether	6.32	93	861879	52.56	ng		98
12) 1,3-Dichlorobenzene	6.51	146	908770	57.35	ng		96
13) 1,4-Dichlorobenzene	6.59	146	938867	55.17	ng		98
14) 1,2-Dichlorobenzene	6.74	146	727516	47.27	ng		97
15) Benzyl Alcohol	6.74	79	749660	59.21	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1471724	60.09	ng		66
17) 2-Methylphenol	7.02	107	874847	68.54	ng		90
18) Hexachloroethane	7.08	117	357364	54.84	ng		94
19) n-Nitroso-di-n-propylamine	7.01	70	625857	51.41	ng		91
20) 3+4-Methylphenols	7.02	107	874847	58.93	ng		90
22) Acetophenone	7.00	105	1131067	58.08	ng	#	90
24) Nitrobenzene	7.17	77	1099653	65.56	ng		93
25) Isophorone	7.41	82	1659881	55.79	ng		97
26) 2-Nitrophenol	7.49	139	456148	62.61	ng	#	73
27) 2,4-Dimethylphenol	7.54	122	653978	55.47	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	939243	58.47	ng		99
29) 2,4-Dichlorophenol	7.73	162	660370	62.05	ng		94
30) 1,2,4-Trichlorobenzene	7.81	180	752102	63.83	ng		96
31) Naphthalene	7.88	128	2158954	53.92	ng		99
32) Benzoic acid	7.73	122	479495	58.48	ng		96
33) 4-Chloroaniline	7.95	127	983135	58.95	ng		96
34) Hexachlorobutadiene	8.01	225	474309	73.03	ng		98
35) Caprolactam	8.35	113	206424	63.36	ng	#	85
36) 4-Chloro-3-methylphenol	8.45	107	818065	65.31	ng		92
37) 2-Methylnaphthalene	8.58	142	1576839	60.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	700049	61.67	ng		97
40) Hexachlorocyclopentadiene	8.73	237	225981	62.34	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	462855	62.85	ng		97
43) 2,4,5-Trichlorophenol	8.91	196	481713	62.52	ng	#	93
45) 1,1'-Biphenyl	9.05	154	1911723	58.92	ng		94
46) 2-Chloronaphthalene	9.06	162	1321909	53.58	ng		98
47) 2-Nitroaniline	9.17	65	612910	67.12	ng	#	83
48) Acenaphthylene	9.47	152	2035738	52.70	ng		99
49) Dimethylphthalate	9.36	163	1715643	58.02	ng		98
50) 2,6-Dinitrotoluene	9.42	165	384875	60.30	ng	#	57
51) Acenaphthene	9.64	154	1267505	51.97	ng		99
52) 3-Nitroaniline	9.58	138	385357	51.71	ng		84
53) 2,4-Dinitrophenol	9.70	184	240310	79.12	ng	#	87
54) Dibenzofuran	9.81	168	1739362	52.99	ng		96
55) 4-Nitrophenol	9.78	139	193485m	49.97	ng		
56) 2,4-Dinitrotoluene	9.82	165	522537	66.76	ng	#	65
57) Fluorene	10.16	166	1462466	54.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	414269	68.30	ng		99
59) Diethylphthalate	10.05	149	1855291	62.82	ng		96
60) 4-Chlorophenyl-phenylether	10.16	204	781499	65.17	ng	#	91
61) 4-Nitroaniline	10.20	138	467125	62.47	ng		87
62) Azobenzene	10.32	77	2306919	65.67	ng		89
64) 4,6-Dinitro-2-methylphenol	10.24	198	355253	63.00	ng	#	67
65) n-Nitrosodiphenylamine	10.28	169	1475225	50.94	ng		97
66) 4-Bromophenyl-phenylether	10.64	248	473663	49.32	ng		92
67) Hexachlorobenzene	10.70	284	567846	54.37	ng	#	82
68) Atrazine	10.81	200	250697	31.05	ng		97
69) Pentachlorophenol	10.91	266	235766	51.55	ng		97
70) Phenanthrene	11.12	178	2631865	55.38	ng		99
71) Anthracene	11.16	178	2346609	45.38	ng		98
72) Carbazole	11.32	167	2159746	46.51	ng		99
73) Di-n-butylphthalate	11.67	149	2577363	44.88	ng		98
74) Fluoranthene	12.29	202	2228111	43.52	ng		96
77) Pyrene	12.52	202	2443687	75.87	ng		98
79) Butylbenzylphthalate	13.15	149	1024068	67.74	ng		95
80) Benzo(a)anthracene	13.71	228	1739646	64.07	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	595079	61.62	ng	#	99
82) Chrysene	13.75	228	1812425	67.07	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1203340	60.18	ng		99
84) Di-n-octyl phthalate	14.33	149	2017572	61.23	ng		99
85) Indeno(1,2,3-cd)pyrene	16.31	276	1556762	69.90	ng		99
87) Benzo(b)fluoranthene	14.71	252	1409818m	49.17	ng		
88) Benzo(k)fluoranthene	14.73	252	1484272m	57.12	ng		
89) Benzo(a)pyrene	15.01	252	1371522	54.10	ng		99
90) Dibenzo(a,h)anthracene	16.32	278	1305536	59.38	ng		97
91) Benzo(g,h,i)perylene	16.67	276	1382313	68.38	ng		96

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

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