Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091272.D
Acq On : 23 Nov 2016 11:46
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
11/28/2016 4:52:09 PM

Quant Time: Nov 23 12:19:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 11:54:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	210871	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	863818	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	484840	20.00	ng		0.01
63) Phenanthrene-d10	11.40	188	802877	20.00	ng		0.00
75) Chrysene-d12	14.04	240	574246	20.00	ng		0.00
86) Perylene-d12	15.47	264	472621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1522955	120.07	ng		0.00
7) Phenol-d6	6.51	99	1888602	124.52	ng		0.01
23) Nitrobenzene-d5	7.45	82	1706591	108.94	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	580878	128.33	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	3195035	115.09	ng		0.01
78) Terphenyl-d14	12.99	244	2497360	98.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	353176	61.27	ng		87
3) Pyridine	3.22	79	960434	63.72	ng	#	85
4) n-Nitrosodimethylamine	3.18	42	543955	66.87	ng		95
6) Aniline	6.54	93	1261967	69.27	ng	#	69
8) 2-Chlorophenol	6.67	128	836944	61.59	ng		99
9) Benzaldehyde	6.42	77	434226	57.02	ng		91
10) Phenol	6.52	94	926009	52.19	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	845932	61.18	ng		92
12) 1,3-Dichlorobenzene	6.82	146	848652m	57.44	ng		
13) 1,4-Dichlorobenzene	6.90	146	907207	58.77	ng		97
14) 1,2-Dichlorobenzene	7.06	146	835831m	60.97	ng		
15) Benzyl Alcohol	7.02	79	745229	62.55	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1703004	64.36	ng		72
17) 2-Methylphenol	7.14	107	685342	50.16	ng	#	76
18) Hexachloroethane	7.40	117	338654	59.29	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	645553	58.24	ng	#	91
20) 3+4-Methylphenols	7.29	107	776243	56.81	ng	#	74
22) Acetophenone	7.30	105	1085780	52.72	ng	#	88
24) Nitrobenzene	7.47	77	1019124	58.44	ng	#	87
25) Isophorone	7.71	82	1588584	53.76	ng		100
26) 2-Nitrophenol	7.78	139	374030	50.20	ng		99
27) 2,4-Dimethylphenol	7.82	122	794860	67.70	ng		93
28) bis(2-Chloroethoxy)methane	7.92	93	934524	57.86	ng		100
29) 2,4-Dichlorophenol	8.02	162	648894	55.55	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	789166	60.48	ng		98
31) Naphthalene	8.19	128	2253205	55.83	ng		99
32) Benzoic acid	7.97	122	685937	79.46	ng	#	78
33) 4-Chloroaniline	8.24	127	1043460	63.88	ng		97
34) Hexachlorobutadiene	8.32	225	467580	60.44	ng		99
35) Caprolactam	8.62	113	195188	59.34	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	680221	53.14	ng		98
37) 2-Methylnaphthalene	8.88	142	1567698	57.93	ng		92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	709301	51.88	ng		99
40) Hexachlorocyclopentadiene	9.04	237	324039	75.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	513618	61.73	ng		94
43) 2,4,5-Trichlorophenol	9.20	196	502563	57.66	ng		95
45) 1,1'-Biphenyl	9.34	154	1764338	47.71	ng		98
46) 2-Chloronaphthalene	9.37	162	1351874	49.14	ng		98
47) 2-Nitroaniline	9.46	65	496670	48.65	ng	#	76
48) Acenaphthylene	9.79	152	2364287	57.11	ng		99
49) Dimethylphthalate	9.65	163	1513171	46.78	ng		97
50) 2,6-Dinitrotoluene	9.71	165	412705	59.52	ng		86
51) Acenaphthene	9.96	154	1612587	62.82	ng		97
52) 3-Nitroaniline	9.88	138	471170	63.73	ng		81
53) 2,4-Dinitrophenol	9.97	184	146548	37.88	ng	#	76
54) Dibenzofuran	10.13	168	2181141	61.01	ng		94
55) 4-Nitrophenol	10.03	139	346750	94.28	ng	#	65
56) 2,4-Dinitrotoluene	10.11	165	548501	62.82	ng	#	79
57) Fluorene	10.48	166	1623777	56.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	421642	57.46	ng		94
59) Diethylphthalate	10.35	149	1644647	52.45	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	690805	50.84	ng	#	87
61) 4-Nitroaniline	10.49	138	396971	52.12	ng		89
62) Azobenzene	10.62	77	1782141	47.79	ng		89
64) 4,6-Dinitro-2-methylphenol	10.52	198	267668	52.23	ng	#	35
65) n-Nitrosodiphenylamine	10.59	169	1420387	58.71	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	524911	62.55	ng	#	83
67) Hexachlorobenzene	11.01	284	537214	58.67	ng	#	80
68) Atrazine	11.10	200	186022	20.89	ng		98
69) Pentachlorophenol	11.21	266	330957	91.28	ng		96
70) Phenanthrene	11.42	178	2307238	54.67	ng		99
71) Anthracene	11.48	178	2259357	53.73	ng		99
72) Carbazole	11.63	167	1913098	49.66	ng		99
73) Di-n-butylphthalate	11.97	149	2531296	55.21	ng		99
74) Fluoranthene	12.61	202	2209400	48.07	ng		97
76) Benzidine	12.73	184	610056	47.30	ng		98
77) Pyrene	12.84	202	2291617	52.03	ng		98
79) Butylbenzylphthalate	13.47	149	1085303	58.69	ng		90
80) Benzo(a)anthracene	14.03	228	1751839	50.36	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	621951	51.58	ng	#	98
82) Chrysene	14.07	228	1665876	46.58	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1216551	51.91	ng	#	94
84) Di-n-octyl phthalate	14.64	149	1904680	46.41	ng		99
85) Indeno(1,2,3-cd)pyrene	16.90	276	1660736	58.39	ng		96
87) Benzo(b)fluoranthene	15.06	252	1523501	53.64	ng		98
88) Benzo(k)fluoranthene	15.09	252	1538051m	53.60	ng		
89) Benzo(a)pyrene	15.41	252	1448743	55.62	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	1456685	67.87	ng	#	95
91) Benzo(g,h,i)perylene	17.32	276	1451858	66.18	ng		98

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

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