Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084332.D
Acq On : 8 Jan 2016 17:14
Operator : SJ/UM
Sample : PB87699BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:32 AM

Quant Time: Jan 09 00:17:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	230334	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	998420	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	473338	20.00	ng		-0.05
63) Phenanthrene-d10	11.38	188	899249	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	688375	20.00	ng		-0.05
86) Perylene-d12	15.45	264	553245	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1491596	104.74	ng		-0.02
7) Phenol-d6	6.50	99	2085322	116.60	ng		-0.03
23) Nitrobenzene-d5	7.42	82	1280221	71.36	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	544893	114.02	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	2123634	78.44	ng		-0.05
78) Terphenyl-d14	12.97	244	2082033	67.51	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	218448	32.38	ng	#	74
3) Pyridine	3.25	79	641209	34.09	ng	#	71
4) n-Nitrosodimethylamine	3.21	42	354367	36.71	ng	#	77
6) Aniline	6.52	93	476888	18.23	ng	#	80
8) 2-Chlorophenol	6.65	128	660360	40.87	ng		98
9) Benzaldehyde	6.40	77	187647	16.11	ng		95
10) Phenol	6.52	94	677081	33.30	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	600291	38.11	ng	#	78
12) 1,3-Dichlorobenzene	6.80	146	637748m	38.26	ng		
13) 1,4-Dichlorobenzene	6.88	146	671341	40.17	ng		94
14) 1,2-Dichlorobenzene	7.02	146	576970	36.05	ng		96
15) Benzyl Alcohol	7.00	79	533804	35.48	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	987968	34.44	ng		84
17) 2-Methylphenol	7.13	107	533690	39.41	ng		95
18) Hexachloroethane	7.37	117	249385	37.31	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	438183	36.19	ng	#	72
20) 3+4-Methylphenols	7.28	107	612186	38.46	ng	#	73
22) Acetophenone	7.26	105	870131	36.24	ng		93
24) Nitrobenzene	7.45	77	709065	38.97	ng		89
25) Isophorone	7.69	82	1266572	36.92	ng		96
26) 2-Nitrophenol	7.76	139	315622	38.11	ng	#	78
27) 2,4-Dimethylphenol	7.80	122	580454	34.63	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	723150	34.51	ng		99
29) 2,4-Dichlorophenol	8.01	162	557112	39.90	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	561657	38.97	ng	#	96
31) Naphthalene	8.17	128	1797383	39.68	ng		100
32) Benzoic acid	7.92	122	264547	27.59	ng		92
33) 4-Chloroaniline	8.21	127	208506	10.04	ng		97
34) Hexachlorobutadiene	8.28	225	301470	36.38	ng		97
35) Caprolactam	8.59	113	186126m	39.54	ng		
36) 4-Chloro-3-methylphenol	8.70	107	605629	38.72	ng		92
37) 2-Methylnaphthalene	8.85	142	1169307	35.96	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	525979	38.65	ng		98
40) Hexachlorocyclopentadiene	9.01	237	583637	71.05	ng		99

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Quant Time: Jan 09 00:17:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	387420	38.05	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	384307	39.38	ng	#	91
45) 1,1'-Biphenyl	9.32	154	1401967	37.27	ng		99
46) 2-Chloronaphthalene	9.34	162	1043968	35.33	ng		96
47) 2-Nitroaniline	9.45	65	435271	44.63	ng	#	82
48) Acenaphthylene	9.77	152	1710440	39.18	ng		98
49) Dimethylphthalate	9.63	163	1416960	41.87	ng	#	90
50) 2,6-Dinitrotoluene	9.69	165	299920	40.41	ng	#	62
51) Acenaphthene	9.94	154	1266808	43.26	ng		97
52) 3-Nitroaniline	9.86	138	178358	19.39	ng	#	67
53) 2,4-Dinitrophenol	9.96	184	253176	80.08	ng	#	89
54) Dibenzofuran	10.11	168	1589365	41.69	ng		99
55) 4-Nitrophenol	10.03	139	452019	67.71	ng	#	80
56) 2,4-Dinitrotoluene	10.09	165	369522	39.34	ng	#	83
57) Fluorene	10.45	166	1214198	41.20	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	320132	38.42	ng		95
59) Diethylphthalate	10.33	149	1298105	38.91	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	555583	44.88	ng		96
61) 4-Nitroaniline	10.48	138	345360	42.13	ng		92
62) Azobenzene	10.60	77	1483761	40.55	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	211532	38.51	ng		93
65) n-Nitrosodiphenylamine	10.57	169	1117809	38.88	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	392967	40.60	ng	#	92
67) Hexachlorobenzene	10.99	284	377494	34.65	ng	#	78
68) Atrazine	11.09	200	387394	41.17	ng		97
69) Pentachlorophenol	11.20	266	407476	72.14	ng		99
70) Phenanthrene	11.41	178	1958766	41.64	ng		98
71) Anthracene	11.46	178	1742378	37.79	ng		98
72) Carbazole	11.62	167	1757968	39.00	ng		98
73) Di-n-butylphthalate	11.95	149	2000455	40.73	ng	#	96
74) Fluoranthene	12.59	202	1841665	37.48	ng		98
76) Benzidine	12.72	184	668236	27.07	ng		99
77) Pyrene	12.82	202	1864194	34.51	ng		98
79) Butylbenzylphthalate	13.45	149	935683	40.03	ng		96
80) Benzo(a)anthracene	14.01	228	1476713	36.53	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	311664	22.09	ng	#	94
82) Chrysene	14.04	228	1461283	37.62	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1111652	37.64	ng	#	98
84) Di-n-octyl phthalate	14.61	149	1887264	37.85	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1149168	37.32	ng		100
87) Benzo(b)fluoranthene	15.04	252	1268093	35.04	ng	#	96
88) Benzo(k)fluoranthene	15.07	252	1319589m	44.58	ng		
89) Benzo(a)pyrene	15.39	252	1212514	39.50	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	954437	36.13	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	971454	35.51	ng		99

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

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