Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084630.D
Acq On : 29 Jan 2016 11:57
Operator : SJ/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:07 PM

Quant Time: Jan 29 12:28:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 10:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165878	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	676574	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	304210	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	461475	20.00	ng		0.00
75) Chrysene-d12	13.88	240	366492	20.00	ng		0.01
86) Perylene-d12	15.25	264	321421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1573758	153.46	ng		0.01
7) Phenol-d6	6.38	99	1733508	134.59	ng		0.01
23) Nitrobenzene-d5	7.31	82	1807504	148.69	ng		0.01
41) 2,4,6-Tribromophenol	10.56	330	367646	119.71	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2907817	145.17	ng		0.01
78) Terphenyl-d14	12.83	244	2462067	149.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	355779	73.23	ng	#	75
3) Pyridine	2.90	79	1016849	75.07	ng	#	70
4) n-Nitrosodimethylamine	2.88	42	482586	69.41	ng		80
6) Aniline	6.40	93	1171148	62.16	ng	#	54
8) 2-Chlorophenol	6.52	128	879564	75.59	ng		93
9) Benzaldehyde	6.27	77	515518	61.47	ng		98
10) Phenol	6.40	94	930260	63.52	ng	#	71
11) bis(2-Chloroethyl)ether	6.48	93	841240	74.16	ng		85
12) 1,3-Dichlorobenzene	6.67	146	959566	79.95	ng		97
13) 1,4-Dichlorobenzene	6.75	146	955178	79.36	ng		93
14) 1,2-Dichlorobenzene	6.90	146	756816	65.66	ng		96
15) Benzyl Alcohol	6.89	79	669936	61.83	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1421257	68.80	ng		99
17) 2-Methylphenol	7.00	107	646756	66.32	ng		93
18) Hexachloroethane	7.24	117	372616	77.42	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	553324	63.46	ng	#	75
20) 3+4-Methylphenols	7.16	107	735762	64.19	ng	#	82
22) Acetophenone	7.15	105	1149274	70.64	ng	#	97
24) Nitrobenzene	7.32	77	804302	65.23	ng		95
25) Isophorone	7.57	82	1688024	72.60	ng		97
26) 2-Nitrophenol	7.64	139	493469	87.94	ng		93
27) 2,4-Dimethylphenol	7.69	122	773591	68.11	ng		96
28) bis(2-Chloroethoxy)methane	7.78	93	933943	65.76	ng		99
29) 2,4-Dichlorophenol	7.88	162	621869	65.73	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	771039	78.94	ng		96
31) Naphthalene	8.04	128	2387355	77.77	ng		98
32) Benzoic acid	7.86	122	673165	100.43	ng		91
33) 4-Chloroaniline	8.10	127	1057977	75.18	ng		95
34) Hexachlorobutadiene	8.16	225	406407	72.38	ng		98
35) Caprolactam	8.50	113	210866	66.11	ng	#	54
36) 4-Chloro-3-methylphenol	8.59	107	788297	74.38	ng		97
37) 2-Methylnaphthalene	8.73	142	1309340	59.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	721832	82.54	ng		99
40) Hexachlorocyclopentadiene	8.89	237	399992	75.76	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	462045	70.62	ng		94
43) 2,4,5-Trichlorophenol	9.06	196	486533	77.57	ng		94
45) 1,1'-Biphenyl	9.20	154	1649955	68.24	ng		99
46) 2-Chloronaphthalene	9.22	162	1334312	70.26	ng		95
47) 2-Nitroaniline	9.32	65	528781	84.36	ng		93
48) Acenaphthylene	9.63	152	1958735	69.81	ng		96
49) Dimethylphthalate	9.50	163	1673386	76.94	ng	#	90
50) 2,6-Dinitrotoluene	9.56	165	356204	74.68	ng	#	49
51) Acenaphthene	9.80	154	1368431	72.71	ng		97
52) 3-Nitroaniline	9.73	138	370565	62.70	ng		95
53) 2,4-Dinitrophenol	9.84	184	200958	141.89	ng	#	81
54) Dibenzofuran	9.97	168	1494301	54.21	ng		90
55) 4-Nitrophenol	9.90	139	282460	65.84	ng	#	75
56) 2,4-Dinitrotoluene	9.97	165	496651	82.27	ng		86
57) Fluorene	10.32	166	1209943	56.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	329295	61.49	ng		88
59) Diethylphthalate	10.20	149	1288792	60.10	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	613741	71.53	ng	#	84
61) 4-Nitroaniline	10.35	138	325244	61.73	ng		97
62) Azobenzene	10.46	77	1329585	56.53	ng		83
64) 4,6-Dinitro-2-methylphenol	10.37	198	223328	89.17	ng	#	58
65) n-Nitrosodiphenylamine	10.43	169	1019708	69.11	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	357118	71.90	ng	#	75
67) Hexachlorobenzene	10.86	284	452914	81.02	ng	#	92
68) Atrazine	10.97	200	363208	75.22	ng		98
69) Pentachlorophenol	11.06	266	254074	87.65	ng		96
70) Phenanthrene	11.28	178	2023066	83.81	ng		97
71) Anthracene	11.32	178	1703647	72.00	ng		98
72) Carbazole	11.48	167	1513262	65.42	ng		98
73) Di-n-butylphthalate	11.83	149	2209038	86.18	ng		99
74) Fluoranthene	12.45	202	1657984	65.75	ng		99
76) Benzidine	12.58	184	939899m	71.53	ng		
77) Pyrene	12.68	202	1997378	69.45	ng		97
79) Butylbenzylphthalate	13.31	149	931575	74.85	ng		93
80) Benzo(a)anthracene	13.87	228	1656676	76.99	ng		97
81) 3,3'-Dichlorobenzidine	13.84	252	540385	71.95	ng	#	97
82) Chrysene	13.91	228	1530405	74.01	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	1136522	72.28	ng		98
84) Di-n-octyl phthalate	14.49	149	1993476	75.10	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.58	276	1490823	90.95	ng		98
87) Benzo(b)fluoranthene	14.88	252	1405835	66.86	ng	#	96
88) Benzo(k)fluoranthene	14.91	252	1463353m	85.10	ng		
89) Benzo(a)pyrene	15.21	252	1304670	73.16	ng	#	96
90) Dibenzo(a,h)anthracene	16.59	278	1241047	80.87	ng		98
91) Benzo(g,h,i)perylene	16.98	276	1266189	79.67	ng		97

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

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