Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084646.D
Acq On : 29 Jan 2016 20:23
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:26 PM

Quant Time: Jan 30 00:09:53 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 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	171673	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	683618	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	331846	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	619013	20.00	ng		0.00
75) Chrysene-d12	13.88	240	477792	20.00	ng		0.01
86) Perylene-d12	15.25	264	419138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	813194	71.50	ng		0.00
7) Phenol-d6	6.37	99	1064484	78.09	ng		0.00
23) Nitrobenzene-d5	7.30	82	1012255	82.75	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	295879	85.07	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1640923	73.50	ng		0.00
78) Terphenyl-d14	12.83	244	1682230	79.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	178357	33.63	ng	#	73
3) Pyridine	2.91	79	460503	32.59	ng	#	75
4) n-Nitrosodimethylamine	2.85	42	258140	37.37	ng	#	78
6) Aniline	6.38	93	656353	37.51	ng	#	54
8) 2-Chlorophenol	6.51	128	501650	39.77	ng		96
9) Benzaldehyde	6.27	77	326058	41.31	ng		95
10) Phenol	6.38	94	619663	40.79	ng		77
11) bis(2-Chloroethyl)ether	6.46	93	427037	36.14	ng		83
12) 1,3-Dichlorobenzene	6.66	146	486533m	36.00	ng		
13) 1,4-Dichlorobenzene	6.74	146	500571	37.74	ng		97
14) 1,2-Dichlorobenzene	6.90	146	490826	40.19	ng		97
15) Benzyl Alcohol	6.88	79	378551	40.80	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	756084	37.39	ng		85
17) 2-Methylphenol	6.99	107	375181	38.36	ng		93
18) Hexachloroethane	7.24	117	198613	38.28	ng	#	86
19) n-Nitroso-di-n-propylamine	7.15	70	326221	39.18	ng	#	76
20) 3+4-Methylphenols	7.15	107	442296	37.27	ng	#	74
22) Acetophenone	7.14	105	672670	37.68	ng	#	96
24) Nitrobenzene	7.31	77	465239	35.78	ng		93
25) Isophorone	7.56	82	937648	40.91	ng		96
26) 2-Nitrophenol	7.63	139	256189	41.44	ng	#	86
27) 2,4-Dimethylphenol	7.68	122	396090	36.56	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	505528	36.75	ng		98
29) 2,4-Dichlorophenol	7.88	162	374771	39.55	ng		93
30) 1,2,4-Trichlorobenzene	7.95	180	407426	37.60	ng		97
31) Naphthalene	8.03	128	1256263	36.40	ng		99
32) Benzoic acid	7.81	122	329766	39.65	ng		96
33) 4-Chloroaniline	8.09	127	541744	38.60	ng		99
34) Hexachlorobutadiene	8.16	225	248036	38.73	ng		97
35) Caprolactam	8.46	113	124205	45.67	ng	#	46
36) 4-Chloro-3-methylphenol	8.58	107	436244	41.81	ng		94
37) 2-Methylnaphthalene	8.73	142	900594	42.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	385496	35.82	ng		99
40) Hexachlorocyclopentadiene	8.88	237	186056	38.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	261191	39.07	ng		93
43) 2,4,5-Trichlorophenol	9.05	196	268791	38.94	ng	#	86
45) 1,1'-Biphenyl	9.20	154	1169264	38.44	ng		96
46) 2-Chloronaphthalene	9.22	162	817609	36.85	ng	#	87
47) 2-Nitroaniline	9.31	65	249034	37.37	ng		97
48) Acenaphthylene	9.63	152	1335838	39.73	ng		99
49) Dimethylphthalate	9.50	163	1012538	40.65	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	236229	43.11	ng		93
51) Acenaphthene	9.80	154	916077	40.69	ng		97
52) 3-Nitroaniline	9.72	138	215407	37.62	ng		97
53) 2,4-Dinitrophenol	9.84	184	112837	41.73	ng	#	79
54) Dibenzofuran	9.97	168	1098322	40.88	ng		100
55) 4-Nitrophenol	9.89	139	171104	40.68	ng	#	75
56) 2,4-Dinitrotoluene	9.96	165	322332	45.28	ng		94
57) Fluorene	10.32	166	897212	39.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	217169	41.61	ng		90
59) Diethylphthalate	10.20	149	987681	40.51	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	387768	37.92	ng		92
61) 4-Nitroaniline	10.34	138	252554	46.60	ng		93
62) Azobenzene	10.46	77	958986	41.09	ng		89
64) 4,6-Dinitro-2-methylphenol	10.36	198	166205	41.11	ng	#	54
65) n-Nitrosodiphenylamine	10.43	169	810826	40.40	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	287189	41.19	ng	#	92
67) Hexachlorobenzene	10.85	284	270202	35.63	ng	#	80
68) Atrazine	10.96	200	225521	37.50	ng		98
69) Pentachlorophenol	11.05	266	150180	40.99	ng		95
70) Phenanthrene	11.26	178	1249611	36.51	ng		98
71) Anthracene	11.32	178	1431424	41.13	ng		99
72) Carbazole	11.48	167	1258100	41.95	ng		98
73) Di-n-butylphthalate	11.81	149	1402858	38.46	ng	#	96
74) Fluoranthene	12.45	202	1474454	43.57	ng		96
76) Benzidine	12.58	184	780027	42.93	ng		96
77) Pyrene	12.68	202	1497095	41.54	ng		99
79) Butylbenzylphthalate	13.31	149	689477	44.79	ng	#	95
80) Benzo(a)anthracene	13.86	228	1195581	40.14	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	478033	45.62	ng	#	98
82) Chrysene	13.90	228	1247238	42.48	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	832722	41.70	ng		97
84) Di-n-octyl phthalate	14.48	149	1391312	44.09	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	857328	33.03	ng		99
87) Benzo(b)fluoranthene	14.88	252	1138365m	41.94	ng		
88) Benzo(k)fluoranthene	14.90	252	902469m	40.26	ng		
89) Benzo(a)pyrene	15.21	252	961041	40.93	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	725624	34.30	ng		98
91) Benzo(g,h,i)perylene	16.96	276	699769	32.76	ng		99

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

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