Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091236.D
Acq On : 18 Nov 2016 16:44
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/21/2016 3:39:26 PM

Quant Time: Nov 18 22:25:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 22:22:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	162454	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	692441	20.00	ng		0.00
38) Acenaphthene-d10	9.65	164	390354	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	653880	20.00	ng		0.00
75) Chrysene-d12	13.77	240	573911	20.00	ng		0.00
86) Perylene-d12	15.13	264	513276	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	982498	99.88	ng		0.00
7) Phenol-d6	6.27	99	973297	72.90	ng		0.00
23) Nitrobenzene-d5	7.18	82	892114	70.28	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	336072	95.23	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1589411	70.10	ng		0.00
78) Terphenyl-d14	12.72	244	1862970	81.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	249750	44.39	ng		91
3) Pyridine	2.68	79	675173	51.29	ng		99
4) n-Nitrosodimethylamine	2.65	42	215948	41.47	ng		89
6) Aniline	6.27	93	586500	37.24	ng	#	90
8) 2-Chlorophenol	6.40	128	479904	40.90	ng		87
9) Benzaldehyde	6.16	77	252186	34.03	ng		89
10) Phenol	6.28	94	519606	35.17	ng		83
11) bis(2-Chloroethyl)ether	6.36	93	469237	37.69	ng	#	81
12) 1,3-Dichlorobenzene	6.54	146	514416	43.35	ng		98
13) 1,4-Dichlorobenzene	6.62	146	530445	41.66	ng		96
14) 1,2-Dichlorobenzene	6.78	146	472439	40.43	ng		94
15) Benzyl Alcohol	6.77	79	357372	37.95	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	459090	25.75	ng	#	11
17) 2-Methylphenol	6.90	107	363738	39.16	ng		96
18) Hexachloroethane	7.12	117	182344	37.00	ng		94
19) n-Nitroso-di-n-propylamine	7.05	70	320347	34.62	ng	#	89
20) 3+4-Methylphenols	7.06	107	471599	42.29	ng		93
22) Acetophenone	7.04	105	605504	37.98	ng	#	92
24) Nitrobenzene	7.21	77	509886	36.37	ng		96
25) Isophorone	7.45	82	861291	35.21	ng		99
26) 2-Nitrophenol	7.53	139	260672	43.94	ng	#	65
27) 2,4-Dimethylphenol	7.58	122	402765	41.05	ng		95
28) bis(2-Chloroethoxy)methane	7.66	93	503818	37.70	ng		99
29) 2,4-Dichlorophenol	7.78	162	363278	42.43	ng		91
30) 1,2,4-Trichlorobenzene	7.85	180	441043	45.81	ng		97
31) Naphthalene	7.93	128	1329009	40.13	ng		99
32) Benzoic acid	7.76	122	267238	36.30	ng		92
33) 4-Chloroaniline	7.98	127	584578	42.45	ng		98
34) Hexachlorobutadiene	8.04	225	257066	49.47	ng		99
35) Caprolactam	8.37	113	112514	41.82	ng	#	72
36) 4-Chloro-3-methylphenol	8.49	107	428016	41.29	ng		100
37) 2-Methylnaphthalene	8.61	142	879981	41.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	461351	46.36	ng	#	96
40) Hexachlorocyclopentadiene	8.76	237	151532	42.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	270369	42.08	ng		99
43) 2,4,5-Trichlorophenol	8.94	196	279525	41.44	ng	#	87
45) 1,1'-Biphenyl	9.08	154	1170594	41.07	ng		97
46) 2-Chloronaphthalene	9.10	162	893545	41.29	ng		95
47) 2-Nitroaniline	9.21	65	251320	31.29	ng		96
48) Acenaphthylene	9.52	152	1328901	39.40	ng		99
49) Dimethylphthalate	9.39	163	987819	38.59	ng		99
50) 2,6-Dinitrotoluene	9.46	165	246394	44.92	ng	#	51
51) Acenaphthene	9.69	154	857250	40.49	ng		100
52) 3-Nitroaniline	9.63	138	265607	40.83	ng	#	72
53) 2,4-Dinitrophenol	9.74	184	114661	41.63	ng	#	84
54) Dibenzofuran	9.86	168	1173166	41.16	ng		92
55) 4-Nitrophenol	9.81	139	137447m	35.19	ng		
56) 2,4-Dinitrotoluene	9.86	165	278359	39.88	ng		93
57) Fluorene	10.20	166	958894	41.16	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	253145	47.90	ng	#	87
59) Diethylphthalate	10.09	149	998468	38.05	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	435215	41.05	ng	#	88
61) 4-Nitroaniline	10.25	138	260398	39.57	ng		84
62) Azobenzene	10.35	77	923735	29.90	ng		93
64) 4,6-Dinitro-2-methylphenol	10.27	198	183770	45.90	ng		78
65) n-Nitrosodiphenylamine	10.32	169	774733	37.28	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	312728	45.98	ng	#	70
67) Hexachlorobenzene	10.74	284	332572	44.33	ng		95
68) Atrazine	10.85	200	226540	37.78	ng		96
69) Pentachlorophenol	10.94	266	141391	42.56	ng		98
70) Phenanthrene	11.15	178	1302714	37.48	ng		99
71) Anthracene	11.21	178	1447399	39.17	ng		99
72) Carbazole	11.37	167	1268279	38.08	ng		98
73) Di-n-butylphthalate	11.70	149	1507440	35.99	ng		99
74) Fluoranthene	12.34	202	1538767	42.68	ng		91
76) Benzidine	12.47	184	434349	33.88	ng		98
77) Pyrene	12.57	202	1549620	41.23	ng		98
79) Butylbenzylphthalate	13.20	149	704578	39.19	ng	#	70
80) Benzo(a)anthracene	13.76	228	1282665	39.36	ng		98
81) 3,3'-Dichlorobenzidine	13.72	252	537312	46.94	ng	#	98
82) Chrysene	13.79	228	1340862	41.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	823103	33.83	ng	#	96
84) Di-n-octyl phthalate	14.36	149	1487443	37.18	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.40	276	1075485	40.34	ng		94
87) Benzo(b)fluoranthene	14.76	252	1468896m	42.19	ng		
88) Benzo(k)fluoranthene	14.79	252	1045577m	34.24	ng		
89) Benzo(a)pyrene	15.07	252	1113307	36.74	ng	#	97
90) Dibenzo(a,h)anthracene	16.40	278	923337	35.24	ng		98
91) Benzo(g,h,i)perylene	16.76	276	871018	36.76	ng		95

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

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