Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051116\
Data File : BF086896.D
Acq On : 11 May 2016 19:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
5/12/2016 9:10:00 AM

Quant Time: May 12 01:03:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	243062	20.00	ng		-0.05
21) Naphthalene-d8	7.92	136	987289	20.00	ng		-0.07
38) Acenaphthene-d10	9.68	164	475814	20.00	ng		-0.05
63) Phenanthrene-d10	11.15	188	892839	20.00	ng		-0.05
75) Chrysene-d12	13.78	240	668323	20.00	ng		-0.05
86) Perylene-d12	15.13	264	560795	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1133880	79.00	ng		-0.07
7) Phenol-d6	6.31	99	1398482	72.91	ng		-0.05
23) Nitrobenzene-d5	7.22	82	1570974	79.90	ng		-0.04
41) 2,4,6-Tribromophenol	10.47	330	437210	86.79	ng		-0.05
44) 2-Fluorobiphenyl	9.00	172	1909891	67.46	ng		-0.05
78) Terphenyl-d14	12.73	244	2208640	70.12	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	267061	37.90	ng	#	71
3) Pyridine	2.73	79	703731	40.85	ng	#	65
4) n-Nitrosodimethylamine	2.71	42	507787	40.65	ng	#	51
6) Aniline	6.31	93	856628	36.92	ng	#	72
8) 2-Chlorophenol	6.42	128	619636	35.78	ng	#	81
9) Benzaldehyde	6.18	77	395558	35.61	ng		99
10) Phenol	6.32	94	892685	39.15	ng		75
11) bis(2-Chloroethyl)ether	6.39	93	711216	40.01	ng		90
12) 1,3-Dichlorobenzene	6.57	146	649267m	34.64	ng		
13) 1,4-Dichlorobenzene	6.65	146	666574m	34.88	ng		
14) 1,2-Dichlorobenzene	6.81	146	614895	36.91	ng		97
15) Benzyl Alcohol	6.80	79	501607	37.87	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1292402	33.44	ng		56
17) 2-Methylphenol	6.92	107	522910	37.94	ng	#	79
18) Hexachloroethane	7.14	117	259940	36.15	ng		100
19) n-Nitroso-di-n-propylamine	7.07	70	459523	34.28	ng	#	70
20) 3+4-Methylphenols	7.08	107	682961	37.94	ng	#	60
22) Acetophenone	7.06	105	881768	37.81	ng	#	97
24) Nitrobenzene	7.23	77	734594	36.32	ng		96
25) Isophorone	7.47	82	1397437	38.31	ng		99
26) 2-Nitrophenol	7.55	139	352831	39.69	ng		92
27) 2,4-Dimethylphenol	7.61	122	573305	37.85	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	736902	37.45	ng		98
29) 2,4-Dichlorophenol	7.79	162	504316	37.83	ng		94
30) 1,2,4-Trichlorobenzene	7.87	180	577211	38.73	ng		99
31) Naphthalene	7.94	128	1710059	34.58	ng		98
32) Benzoic acid	7.78	122	355360	39.95	ng	#	78
33) 4-Chloroaniline	8.01	127	773274	40.24	ng	#	94
34) Hexachlorobutadiene	8.07	225	340196	39.34	ng		99
35) Caprolactam	8.41	113	175466	38.69	ng	#	48
36) 4-Chloro-3-methylphenol	8.51	107	637380	39.43	ng		94
37) 2-Methylnaphthalene	8.64	142	1186508	41.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	495229	35.80	ng		99
40) Hexachlorocyclopentadiene	8.79	237	270631	41.21	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	347827	37.60	ng		95
43) 2,4,5-Trichlorophenol	8.97	196	366284	38.29	ng	#	87
45) 1,1'-Biphenyl	9.11	154	1509296	39.88	ng		97
46) 2-Chloronaphthalene	9.13	162	1160884	39.15	ng		99
47) 2-Nitroaniline	9.23	65	414029	38.21	ng	#	77
48) Acenaphthylene	9.54	152	1696642	38.90	ng		99
49) Dimethylphthalate	9.42	163	1379164	37.99	ng		99
50) 2,6-Dinitrotoluene	9.48	165	332316	43.50	ng	#	83
51) Acenaphthene	9.71	154	1123010	41.39	ng		99
52) 3-Nitroaniline	9.66	138	345733	42.99	ng		92
53) 2,4-Dinitrophenol	9.76	184	165745	46.06	ng		86
54) Dibenzofuran	9.88	168	1343297	38.57	ng		98
55) 4-Nitrophenol	9.84	139	201600	40.01	ng		90
56) 2,4-Dinitrotoluene	9.88	165	380897	40.29	ng		93
57) Fluorene	10.23	166	1082712	36.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	290622	40.35	ng		96
59) Diethylphthalate	10.11	149	1252320	35.40	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	502830	37.26	ng		95
61) 4-Nitroaniline	10.27	138	301203	38.99	ng	#	72
62) Azobenzene	10.38	77	1474790	38.64	ng		87
64) 4,6-Dinitro-2-methylphenol	10.30	198	251248	45.30	ng		91
65) n-Nitrosodiphenylamine	10.34	169	954016	34.78	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	360005	39.77	ng	#	77
67) Hexachlorobenzene	10.76	284	392999	37.15	ng	#	81
68) Atrazine	10.88	200	356485	38.90	ng		95
69) Pentachlorophenol	10.97	266	222509	45.51	ng		97
70) Phenanthrene	11.18	178	1609269	33.77	ng		99
71) Anthracene	11.23	178	1807652	37.10	ng		99
72) Carbazole	11.39	167	1697473	40.52	ng		99
73) Di-n-butylphthalate	11.73	149	1854609	36.25	ng	#	98
74) Fluoranthene	12.35	202	1596074	32.57	ng		99
76) Benzidine	12.49	184	810360	47.56	ng		98
77) Pyrene	12.58	202	1705625	33.34	ng		99
79) Butylbenzylphthalate	13.21	149	771778	35.66	ng	#	72
80) Benzo(a)anthracene	13.77	228	1374931	36.65	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	985775	41.35	ng	#	95
82) Chrysene	13.81	228	1315661	34.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	904787	34.76	ng		97
84) Di-n-octyl phthalate	14.38	149	1733162	40.19	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.40	276	1156892	36.43	ng		95
87) Benzo(b)fluoranthene	14.77	252	1256046m	34.46	ng		
88) Benzo(k)fluoranthene	14.80	252	1351704m	45.29	ng		
89) Benzo(a)pyrene	15.09	252	1145719	36.45	ng		98
90) Dibenzo(a,h)anthracene	16.41	278	955625	36.07	ng	#	94
91) Benzo(g,h,i)perylene	16.77	276	971816	36.10	ng		95

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

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