Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086036.D
Acq On : 4 Apr 2016 14:07
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/5/2016 6:38:59 PM

Quant Time: Apr 05 01:10:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137348	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	568406	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	267537	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	520724	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	398893	20.00	ng		0.00
86) Perylene-d12	15.32	264	336655	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	668562	83.20	ng		-0.01
7) Phenol-d6	6.41	99	785407	76.95	ng		-0.01
23) Nitrobenzene-d5	7.33	82	730939	75.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	194143	77.31	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1205064	74.89	ng		-0.01
78) Terphenyl-d14	12.87	244	1208477	71.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	157664m	41.39	ng		
3) Pyridine	2.99	79	355124	41.64	ng		98
4) n-Nitrosodimethylamine	2.94	42	158842	42.36	ng		99
6) Aniline	6.43	93	542560	40.52	ng	#	87
8) 2-Chlorophenol	6.54	128	365992	38.19	ng		91
9) Benzaldehyde	6.32	77	213780	38.93	ng		92
10) Phenol	6.42	94	434001	37.28	ng	#	72
11) bis(2-Chloroethyl)ether	6.50	93	375091	40.68	ng		94
12) 1,3-Dichlorobenzene	6.70	146	402537	39.63	ng		97
13) 1,4-Dichlorobenzene	6.78	146	412359	39.41	ng		93
14) 1,2-Dichlorobenzene	6.93	146	380548	39.51	ng		98
15) Benzyl Alcohol	6.92	79	257752	39.03	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	427804	37.98	ng		88
17) 2-Methylphenol	7.04	107	308572	40.84	ng		96
18) Hexachloroethane	7.28	117	152087	39.52	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	228839	36.17	ng		93
20) 3+4-Methylphenols	7.20	107	368093	40.06	ng	#	65
22) Acetophenone	7.18	105	509950	38.16	ng	#	94
24) Nitrobenzene	7.36	77	426518	40.45	ng		93
25) Isophorone	7.60	82	751150	39.48	ng		97
26) 2-Nitrophenol	7.68	139	211252	41.87	ng	#	90
27) 2,4-Dimethylphenol	7.71	122	344556	38.02	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	419267	37.56	ng		97
29) 2,4-Dichlorophenol	7.92	162	301105	39.31	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	334904	38.95	ng		95
31) Naphthalene	8.08	128	1106307	38.69	ng		99
32) Benzoic acid	7.87	122	249984	37.60	ng		98
33) 4-Chloroaniline	8.13	127	452856	39.21	ng		98
34) Hexachlorobutadiene	8.19	225	180182	38.98	ng		98
35) Caprolactam	8.51	113	104519	43.01	ng		99
36) 4-Chloro-3-methylphenol	8.61	107	339483	39.42	ng		92
37) 2-Methylnaphthalene	8.76	142	663482	35.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	319082	39.68	ng		100
40) Hexachlorocyclopentadiene	8.91	237	95052	41.76	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	210871	40.84	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	206095	39.31	ng		96
45) 1,1'-Biphenyl	9.23	154	897746	38.92	ng		95
46) 2-Chloronaphthalene	9.25	162	671755	40.17	ng		96
47) 2-Nitroaniline	9.36	65	216233	44.20	ng		97
48) Acenaphthylene	9.66	152	1022169	38.16	ng		99
49) Dimethylphthalate	9.54	163	812513	40.98	ng		99
50) 2,6-Dinitrotoluene	9.60	165	158076	37.68	ng		99
51) Acenaphthene	9.84	154	604078	37.92	ng		99
52) 3-Nitroaniline	9.77	138	189722	37.52	ng		99
53) 2,4-Dinitrophenol	9.88	184	89002	41.91	ng	#	85
54) Dibenzofuran	10.01	168	761845	36.21	ng		99
55) 4-Nitrophenol	9.94	139	134084	44.98	ng		86
56) 2,4-Dinitrotoluene	10.01	165	222715	42.01	ng	#	74
57) Fluorene	10.35	166	685219	38.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	161805	41.45	ng		95
59) Diethylphthalate	10.22	149	739052	36.93	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	308767	36.88	ng		98
61) 4-Nitroaniline	10.38	138	198970	39.96	ng		92
62) Azobenzene	10.50	77	742042	38.71	ng		97
64) 4,6-Dinitro-2-methylphenol	10.42	198	128656	40.77	ng	#	63
65) n-Nitrosodiphenylamine	10.46	169	608369	37.36	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	203174	38.22	ng		97
67) Hexachlorobenzene	10.90	284	219631	39.95	ng	#	91
68) Atrazine	10.99	200	206051	39.16	ng		96
69) Pentachlorophenol	11.09	266	102441	39.76	ng		98
70) Phenanthrene	11.31	178	1062518	37.40	ng		99
71) Anthracene	11.36	178	1058772	35.58	ng		99
72) Carbazole	11.52	167	889709	34.78	ng		99
73) Di-n-butylphthalate	11.85	149	1131981	35.71	ng		99
74) Fluoranthene	12.50	202	1099609	37.22	ng		91
76) Benzidine	12.63	184	479568	34.08	ng		98
77) Pyrene	12.73	202	1102233	39.21	ng		100
79) Butylbenzylphthalate	13.35	149	503928	39.81	ng		97
80) Benzo(a)anthracene	13.91	228	899512	38.26	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	713518	41.55	ng	#	95
82) Chrysene	13.95	228	929870	41.06	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	635942	37.86	ng		99
84) Di-n-octyl phthalate	14.51	149	1118117	41.68	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	665633	36.22	ng		99
87) Benzo(b)fluoranthene	14.92	252	933854m	44.10	ng		
88) Benzo(k)fluoranthene	14.96	252	643359m	34.31	ng		
89) Benzo(a)pyrene	15.27	252	713689	38.04	ng		99
90) Dibenzo(a,h)anthracene	16.68	278	548507	36.33	ng		98
91) Benzo(g,h,i)perylene	17.08	276	534835	36.61	ng		95

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

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