Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085972.D
Acq On : 1 Apr 2016 20:17
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/4/2016 7:33:33 PM

Quant Time: Apr 01 23:21:30 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 19:44:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	107081	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	416426	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	197966	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	373845	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	308562	20.00	ng		0.00
86) Perylene-d12	15.33	264	249915	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	497507	79.42	ng		0.00
7) Phenol-d6	6.42	99	641744	80.65	ng		0.00
23) Nitrobenzene-d5	7.34	82	543199	76.93	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	148917	80.15	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	992396	83.35	ng		0.00
78) Terphenyl-d14	12.88	244	977917	74.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	114885	38.68	ng		95
3) Pyridine	3.00	79	295399	44.43	ng		96
4) n-Nitrosodimethylamine	2.96	42	115200	39.40	ng		97
6) Aniline	6.44	93	409981	39.27	ng		98
8) 2-Chlorophenol	6.56	128	288049	38.55	ng		95
9) Benzaldehyde	6.33	77	162247	37.89	ng		90
10) Phenol	6.43	94	382860	42.18	ng		85
11) bis(2-Chloroethyl)ether	6.51	93	249799	34.75	ng		94
12) 1,3-Dichlorobenzene	6.72	146	305808	38.62	ng		98
13) 1,4-Dichlorobenzene	6.80	146	305717m	37.48	ng		
14) 1,2-Dichlorobenzene	6.94	146	297317	39.60	ng		98
15) Benzyl Alcohol	6.92	79	194186	37.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	338675	38.57	ng		94
17) 2-Methylphenol	7.04	107	226666	38.48	ng		99
18) Hexachloroethane	7.29	117	113251	37.75	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	176627	35.81	ng		96
20) 3+4-Methylphenols	7.20	107	272202	37.99	ng		94
22) Acetophenone	7.20	105	383852	39.21	ng	#	93
24) Nitrobenzene	7.37	77	304591	39.43	ng	#	85
25) Isophorone	7.61	82	540875	38.80	ng	#	93
26) 2-Nitrophenol	7.68	139	144500	39.09	ng	#	78
27) 2,4-Dimethylphenol	7.72	122	247020	37.21	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	304482	37.23	ng		98
29) 2,4-Dichlorophenol	7.93	162	216622	38.60	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	248512	39.45	ng		94
31) Naphthalene	8.09	128	780805	37.28	ng		98
32) Benzoic acid	7.86	122	193450	39.72	ng		99
33) 4-Chloroaniline	8.13	127	317661	37.54	ng	#	91
34) Hexachlorobutadiene	8.20	225	132484	39.12	ng		100
35) Caprolactam	8.51	113	74824	42.03	ng		96
36) 4-Chloro-3-methylphenol	8.62	107	255700	40.53	ng		99
37) 2-Methylnaphthalene	8.77	142	516547	37.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	229596	38.59	ng		100
40) Hexachlorocyclopentadiene	8.92	237	67303	38.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	151028	39.53	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	149421	38.52	ng		98
45) 1,1'-Biphenyl	9.24	154	659202	38.62	ng		94
46) 2-Chloronaphthalene	9.26	162	505963	40.89	ng		98
47) 2-Nitroaniline	9.37	65	144653	39.96	ng	#	76
48) Acenaphthylene	9.68	152	815334	41.13	ng		99
49) Dimethylphthalate	9.54	163	542485	36.97	ng		99
50) 2,6-Dinitrotoluene	9.61	165	130248	41.96	ng	#	84
51) Acenaphthene	9.85	154	477074	40.47	ng		99
52) 3-Nitroaniline	9.78	138	157213	42.02	ng		87
53) 2,4-Dinitrophenol	9.89	184	58019	38.32	ng	#	71
54) Dibenzofuran	10.02	168	620004	39.82	ng		99
55) 4-Nitrophenol	9.95	139	84822	38.46	ng		88
56) 2,4-Dinitrotoluene	10.01	165	147833	37.69	ng	#	38
57) Fluorene	10.36	166	537881	40.45	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	112976	39.11	ng		96
59) Diethylphthalate	10.24	149	556823	37.60	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	242493	39.15	ng		99
61) 4-Nitroaniline	10.38	138	139928	37.98	ng		85
62) Azobenzene	10.51	77	571413	40.28	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	90356	39.88	ng		95
65) n-Nitrosodiphenylamine	10.48	169	469768	40.18	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	158142	41.43	ng		94
67) Hexachlorobenzene	10.91	284	162864	41.26	ng		97
68) Atrazine	11.00	200	148459	39.30	ng		98
69) Pentachlorophenol	11.10	266	75083	40.59	ng		98
70) Phenanthrene	11.32	178	795266	38.99	ng		99
71) Anthracene	11.37	178	772928	36.18	ng		99
72) Carbazole	11.53	167	673304	36.66	ng		99
73) Di-n-butylphthalate	11.86	149	928858	40.82	ng		100
74) Fluoranthene	12.50	202	749352	35.33	ng		99
76) Benzidine	12.63	184	423386	38.89	ng		98
77) Pyrene	12.73	202	773881	35.59	ng		99
79) Butylbenzylphthalate	13.35	149	374487	38.25	ng	#	68
80) Benzo(a)anthracene	13.92	228	663859	36.50	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	478392	36.01	ng		99
82) Chrysene	13.96	228	655367	37.41	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	499180	38.41	ng		99
84) Di-n-octyl phthalate	14.52	149	827884	39.90	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	506748	35.65	ng		99
87) Benzo(b)fluoranthene	14.93	252	715931m	45.54	ng		
88) Benzo(k)fluoranthene	14.97	252	455222m	32.70	ng		
89) Benzo(a)pyrene	15.28	252	530740	38.10	ng		100
90) Dibenzo(a,h)anthracene	16.69	278	422802	37.73	ng	#	96
91) Benzo(g,h,i)perylene	17.09	276	409561	37.76	ng		99

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

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