Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085225.D
Acq On : 5 Mar 2016 1:44
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/7/2016 3:30:51 PM

Quant Time: Mar 07 11:43:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156406	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	610794	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	288582	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	543863	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	327386	20.00	ng		-0.01
86) Perylene-d12	15.60	264	251475	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	697078	74.76	ng		-0.01
7) Phenol-d6	6.60	99	970532	79.45	ng		-0.01
23) Nitrobenzene-d5	7.53	82	853858	74.81	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	208804	84.56	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1537409	81.02	ng		-0.01
78) Terphenyl-d14	13.08	244	1238290	87.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	180176	37.79	ng		99
3) Pyridine	3.43	79	503588	42.20	ng		98
4) n-Nitrosodimethylamine	3.37	42	188769	36.96	ng		91
6) Aniline	6.63	93	639923	37.37	ng		99
8) 2-Chlorophenol	6.76	128	448137	39.92	ng		95
9) Benzaldehyde	6.52	77	236971	41.68	ng		99
10) Phenol	6.61	94	581666m	44.46	ng		
11) bis(2-Chloroethyl)ether	6.70	93	392562	36.12	ng		91
12) 1,3-Dichlorobenzene	6.92	146	473711	39.31	ng		99
13) 1,4-Dichlorobenzene	6.98	146	455569	37.72	ng		98
14) 1,2-Dichlorobenzene	7.14	146	458950	41.88	ng		99
15) Benzyl Alcohol	7.11	79	376703	42.01	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	565284	36.09	ng		99
17) 2-Methylphenol	7.21	107	369919	40.39	ng		97
18) Hexachloroethane	7.49	117	177447	39.82	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	284520	35.73	ng	#	91
20) 3+4-Methylphenols	7.37	107	440715	40.62	ng		98
22) Acetophenone	7.38	105	632467	42.42	ng	#	94
24) Nitrobenzene	7.56	77	526356	45.39	ng		93
25) Isophorone	7.80	82	866326	40.96	ng		97
26) 2-Nitrophenol	7.88	139	231457	41.02	ng		99
27) 2,4-Dimethylphenol	7.90	122	401071	38.89	ng		93
28) bis(2-Chloroethoxy)methane	8.00	93	482087	40.92	ng		100
29) 2,4-Dichlorophenol	8.10	162	331186	39.82	ng		87
30) 1,2,4-Trichlorobenzene	8.20	180	370460	41.20	ng		99
31) Naphthalene	8.28	128	1160479	38.64	ng		99
32) Benzoic acid	8.00	122	194009m	28.33	ng		
33) 4-Chloroaniline	8.32	127	476576	39.23	ng		99
34) Hexachlorobutadiene	8.40	225	199248	42.59	ng		99
35) Caprolactam	8.70	113	112784	41.53	ng		93
36) 4-Chloro-3-methylphenol	8.80	107	404733	42.90	ng		97
37) 2-Methylnaphthalene	8.97	142	816534	42.37	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	326599	39.57	ng		99
40) Hexachlorocyclopentadiene	9.12	237	160647	36.09	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	253553	41.27	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	222017	38.11	ng		99
45) 1,1'-Biphenyl	9.43	154	947833	38.44	ng		100
46) 2-Chloronaphthalene	9.46	162	755396	40.19	ng		99
47) 2-Nitroaniline	9.54	65	223650	38.40	ng		96
48) Acenaphthylene	9.88	152	1220843	41.74	ng		98
49) Dimethylphthalate	9.74	163	875112	39.51	ng		99
50) 2,6-Dinitrotoluene	9.80	165	206596	43.60	ng		91
51) Acenaphthene	10.05	154	684017	38.51	ng		99
52) 3-Nitroaniline	9.97	138	218494	38.54	ng		83
53) 2,4-Dinitrophenol	10.06	184	32262	20.10	ng	#	45
54) Dibenzofuran	10.22	168	949450	40.81	ng		97
55) 4-Nitrophenol	10.10	139	152835	34.30	ng	#	67
56) 2,4-Dinitrotoluene	10.20	165	264270	43.58	ng		92
57) Fluorene	10.56	166	758258	41.49	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	169975	41.54	ng		98
59) Diethylphthalate	10.44	149	897808	41.77	ng		100
60) 4-Chlorophenyl-phenylether	10.55	204	353906	39.80	ng		97
61) 4-Nitroaniline	10.57	138	196438	37.05	ng		96
62) Azobenzene	10.71	77	769198	36.32	ng		98
64) 4,6-Dinitro-2-methylphenol	10.61	198	75229	23.10	ng		81
65) n-Nitrosodiphenylamine	10.66	169	661646	39.11	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	213577	40.44	ng		93
67) Hexachlorobenzene	11.11	284	226630	40.23	ng	#	93
68) Atrazine	11.19	200	184909	39.31	ng		99
69) Pentachlorophenol	11.29	266	105469	33.73	ng		99
70) Phenanthrene	11.52	178	1067416	37.45	ng		99
71) Anthracene	11.58	178	1205703	39.85	ng		99
72) Carbazole	11.73	167	1024587	38.62	ng		99
73) Di-n-butylphthalate	12.06	149	1344974	40.10	ng	#	98
74) Fluoranthene	12.71	202	1112511	38.89	ng		99
76) Benzidine	12.83	184	506227	51.95	ng		100
77) Pyrene	12.94	202	1088514	44.17	ng		99
79) Butylbenzylphthalate	13.56	149	520216	46.53	ng	#	75
80) Benzo(a)anthracene	14.13	228	787863	40.20	ng		98
81) 3,3'-Dichlorobenzidine	14.08	252	254476	41.16	ng		99
82) Chrysene	14.16	228	787761	43.51	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	604873	41.11	ng	#	97
84) Di-n-octyl phthalate	14.72	149	929434	41.48	ng		99
85) Indeno(1,2,3-cd)pyrene	17.08	276	670099	47.43	ng		99
87) Benzo(b)fluoranthene	15.17	252	733138	43.74	ng		100
88) Benzo(k)fluoranthene	15.20	252	469846m	34.75	ng		
89) Benzo(a)pyrene	15.53	252	571822	41.17	ng	#	94
90) Dibenzo(a,h)anthracene	17.09	278	564603	47.62	ng		98
91) Benzo(g,h,i)perylene	17.52	276	578800	48.55	ng		100

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

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