Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087681.D
Acq On : 5 Jun 2016 1:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:40 PM

Quant Time: Jun 05 01:32:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	113252	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	468982	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	214188	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	395145	20.00	ng		0.00
75) Chrysene-d12	14.02	240	285278	20.00	ng		0.00
86) Perylene-d12	15.44	264	249625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	599155	85.51	ng		0.00
7) Phenol-d6	6.49	99	729030	82.96	ng		0.00
23) Nitrobenzene-d5	7.43	82	633473	78.15	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	163691	76.13	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1155097	81.76	ng		-0.01
78) Terphenyl-d14	12.97	244	961346	82.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	142115	41.96	ng	#	29
3) Pyridine	3.19	79	356625	39.86	ng		100
4) n-Nitrosodimethylamine	3.14	42	146712	38.81	ng		97
6) Aniline	6.52	93	498753	40.04	ng		100
8) 2-Chlorophenol	6.64	128	310483	38.51	ng		99
9) Benzaldehyde	6.40	77	224185	37.74	ng		86
10) Phenol	6.50	94	433074	43.28	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	262946	36.17	ng		99
12) 1,3-Dichlorobenzene	6.80	146	331812	38.44	ng		99
13) 1,4-Dichlorobenzene	6.88	146	353684	40.83	ng		99
14) 1,2-Dichlorobenzene	7.03	146	301781m	37.16	ng		
15) Benzyl Alcohol	7.00	79	262253	40.40	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	410784	38.74	ng		97
17) 2-Methylphenol	7.11	107	265127	40.95	ng		99
18) Hexachloroethane	7.38	117	124067	40.96	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	205843	37.51	ng		98
20) 3+4-Methylphenols	7.27	107	299221	37.72	ng		97
22) Acetophenone	7.28	105	435795	41.03	ng	#	97
24) Nitrobenzene	7.45	77	336310	41.46	ng		97
25) Isophorone	7.69	82	584499	39.61	ng		98
26) 2-Nitrophenol	7.76	139	147132	39.03	ng		98
27) 2,4-Dimethylphenol	7.80	122	323312	41.39	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	347949	37.17	ng		97
29) 2,4-Dichlorophenol	8.00	162	248463	38.73	ng		100
30) 1,2,4-Trichlorobenzene	8.09	180	277359	41.28	ng		99
31) Naphthalene	8.17	128	926412	40.63	ng		100
32) Benzoic acid	7.92	122	210879	44.74	ng		90
33) 4-Chloroaniline	8.22	127	391649	39.54	ng		99
34) Hexachlorobutadiene	8.30	225	141123	40.40	ng		99
35) Caprolactam	8.59	113	82533	39.16	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	266752	40.19	ng		100
37) 2-Methylnaphthalene	8.86	142	558934	37.12	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	254300	43.08	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	137108	39.49	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	172714	38.74	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	183910	44.33	ng		98
45) 1,1'-Biphenyl	9.32	154	662338	38.10	ng		99
46) 2-Chloronaphthalene	9.35	162	519307	37.53	ng		99
47) 2-Nitroaniline	9.44	65	152959	39.26	ng		99
48) Acenaphthylene	9.76	152	869000	40.27	ng		100
49) Dimethylphthalate	9.63	163	658612	42.30	ng		99
50) 2,6-Dinitrotoluene	9.69	165	159394	44.99	ng		97
51) Acenaphthene	9.94	154	566835	40.83	ng		100
52) 3-Nitroaniline	9.85	138	149434	36.88	ng		96
53) 2,4-Dinitrophenol	9.95	184	70110	45.37	ng		96
54) Dibenzofuran	10.10	168	771411	40.81	ng	#	88
55) 4-Nitrophenol	10.00	139	116599	33.67	ng		98
56) 2,4-Dinitrotoluene	10.09	165	202755	44.94	ng		98
57) Fluorene	10.44	166	523134	35.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	142497	39.87	ng	#	54
59) Diethylphthalate	10.33	149	630570	40.32	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	251063	43.56	ng		96
61) 4-Nitroaniline	10.47	138	174184	44.71	ng		99
62) Azobenzene	10.60	77	676777	42.99	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	90929	41.68	ng		96
65) n-Nitrosodiphenylamine	10.56	169	491392	37.97	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	167570	42.77	ng		94
67) Hexachlorobenzene	10.99	284	167389	38.20	ng		96
68) Atrazine	11.08	200	146117	38.11	ng		91
69) Pentachlorophenol	11.19	266	113515	43.60	ng		97
70) Phenanthrene	11.40	178	777850	36.31	ng		100
71) Anthracene	11.46	178	917835	42.75	ng		99
72) Carbazole	11.61	167	775029	38.14	ng		100
73) Di-n-butylphthalate	11.95	149	959046	44.02	ng		99
74) Fluoranthene	12.59	202	880855	41.78	ng		99
76) Benzidine	12.72	184	490075	43.57	ng		99
77) Pyrene	12.82	202	906710	44.63	ng		100
79) Butylbenzylphthalate	13.45	149	390523	45.17	ng		91
80) Benzo(a)anthracene	14.01	228	696595	42.31	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	209424	45.09	ng		98
82) Chrysene	14.05	228	733605	44.77	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	488270	47.46	ng	#	98
84) Di-n-octyl phthalate	14.62	149	795050	41.57	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	584556	43.16	ng	#	100
87) Benzo(b)fluoranthene	15.03	252	699407	43.07	ng	#	95
88) Benzo(k)fluoranthene	15.06	252	489664m	36.24	ng		
89) Benzo(a)pyrene	15.38	252	566993	41.54	ng		98
90) Dibenzo(a,h)anthracene	16.86	278	487819	41.99	ng		98
91) Benzo(g,h,i)perylene	17.26	276	497048	42.41	ng		97

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

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