Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF089996.D
Acq On : 7 Sep 2016 9:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
9/8/2016 12:53:09 PM

Quant Time: Sep 07 15:03:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	224442	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	925267	20.00	ng		-0.02
38) Acenaphthene-d10	9.66	164	478045	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	875547	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	653913	20.00	ng		-0.02
86) Perylene-d12	15.07	264	585536	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1087276	77.54	ng		-0.02
7) Phenol-d6	6.27	99	1294338	75.97	ng		-0.01
23) Nitrobenzene-d5	7.19	82	1187814	74.45	ng		-0.02
41) 2,4,6-Tribromophenol	10.43	330	359966	76.32	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	2173281	74.63	ng		-0.02
78) Terphenyl-d14	12.71	244	2130915	80.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	243355	36.63	ng		98
3) Pyridine	2.68	79	672569	37.94	ng		100
4) n-Nitrosodimethylamine	2.65	42	320878	36.71	ng		98
6) Aniline	6.28	93	862226	37.09	ng		91
8) 2-Chlorophenol	6.40	128	587732	38.64	ng		86
9) Benzaldehyde	6.16	77	407572	37.08	ng		96
10) Phenol	6.28	94	732944	36.99	ng		96
11) bis(2-Chloroethyl)ether	6.36	93	594096	39.62	ng		94
12) 1,3-Dichlorobenzene	6.56	146	678050	39.91	ng		97
13) 1,4-Dichlorobenzene	6.64	146	714694	41.11	ng		94
14) 1,2-Dichlorobenzene	6.79	146	597652	38.35	ng		98
15) Benzyl Alcohol	6.78	79	426831	39.99	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1081786	37.84	ng		89
17) 2-Methylphenol	6.90	107	475075	39.10	ng	#	93
18) Hexachloroethane	7.13	117	230796	38.76	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	397827	35.83	ng		91
20) 3+4-Methylphenols	7.05	107	604081	41.02	ng	#	83
22) Acetophenone	7.04	105	780604	37.61	ng	#	91
24) Nitrobenzene	7.21	77	646338	38.11	ng		93
25) Isophorone	7.45	82	1207751	37.23	ng		97
26) 2-Nitrophenol	7.53	139	354738	43.75	ng	#	81
27) 2,4-Dimethylphenol	7.58	122	550183	36.68	ng		99
28) bis(2-Chloroethoxy)methane	7.68	93	730482	37.33	ng		99
29) 2,4-Dichlorophenol	7.77	162	528538	39.31	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	559440	38.06	ng		98
31) Naphthalene	7.93	128	1750688	37.98	ng		99
32) Benzoic acid	7.74	122	460360	45.57	ng		94
33) 4-Chloroaniline	7.99	127	760958	40.92	ng		96
34) Hexachlorobutadiene	8.06	225	339911	39.46	ng		98
35) Caprolactam	8.38	113	173657	40.92	ng	#	71
36) 4-Chloro-3-methylphenol	8.48	107	563787	39.59	ng		87
37) 2-Methylnaphthalene	8.62	142	1095389	35.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	566604	40.46	ng		98
40) Hexachlorocyclopentadiene	8.78	237	324427	45.18	ng		94

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	403177	41.54	ng		97
43) 2,4,5-Trichlorophenol	8.94	196	383029	41.04	ng		97
45) 1,1'-Biphenyl	9.08	154	1467425	38.12	ng		97
46) 2-Chloronaphthalene	9.11	162	1102615	40.50	ng		95
47) 2-Nitroaniline	9.21	65	353717	39.74	ng	#	61
48) Acenaphthylene	9.52	152	1718305	38.17	ng		99
49) Dimethylphthalate	9.39	163	1229113	35.57	ng		100
50) 2,6-Dinitrotoluene	9.45	165	301540	39.24	ng		96
51) Acenaphthene	9.69	154	1171527	41.07	ng		99
52) 3-Nitroaniline	9.62	138	374466	42.72	ng	#	77
53) 2,4-Dinitrophenol	9.72	184	168894	43.09	ng	#	57
54) Dibenzofuran	9.86	168	1437258	37.60	ng		94
55) 4-Nitrophenol	9.79	139	295372	44.68	ng		87
56) 2,4-Dinitrotoluene	9.85	165	398133	40.85	ng		94
57) Fluorene	10.19	166	970612	34.75	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	308076	38.56	ng		98
59) Diethylphthalate	10.09	149	1266657	38.97	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	475663	36.19	ng	#	83
61) 4-Nitroaniline	10.23	138	327707	38.05	ng		91
62) Azobenzene	10.35	77	1242374	38.27	ng		94
64) 4,6-Dinitro-2-methylphenol	10.25	198	221230	39.47	ng		97
65) n-Nitrosodiphenylamine	10.32	169	1102268	41.88	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	369469	41.92	ng	#	85
67) Hexachlorobenzene	10.74	284	429460	42.65	ng	#	82
68) Atrazine	10.84	200	344979	39.26	ng		98
69) Pentachlorophenol	10.94	266	266021	49.11	ng		99
70) Phenanthrene	11.14	178	1624346	37.25	ng		99
71) Anthracene	11.20	178	1756834	39.73	ng		100
72) Carbazole	11.36	167	1713462	41.32	ng		100
73) Di-n-butylphthalate	11.70	149	1904852	39.41	ng		99
74) Fluoranthene	12.32	202	1613039	35.30	ng		96
76) Benzidine	12.46	184	1059861	42.78	ng		98
77) Pyrene	12.55	202	1823173	39.54	ng		100
79) Butylbenzylphthalate	13.19	149	805474	43.32	ng	#	76
80) Benzo(a)anthracene	13.73	228	1559354	38.93	ng		98
81) 3,3'-Dichlorobenzidine	13.70	252	623888	43.16	ng	#	97
82) Chrysene	13.76	228	1424811	38.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	1047973	40.75	ng	#	98
84) Di-n-octyl phthalate	14.35	149	1800467	43.37	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	1139184	41.19	ng		99
87) Benzo(b)fluoranthene	14.72	252	1401964m	38.22	ng		
88) Benzo(k)fluoranthene	14.74	252	1188521m	38.18	ng		
89) Benzo(a)pyrene	15.03	252	1279398	40.71	ng	#	98
90) Dibenzo(a,h)anthracene	16.31	278	941771	40.90	ng		97
91) Benzo(g,h,i)perylene	16.66	276	926443	39.97	ng		96

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

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