Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086976.D
Acq On : 13 May 2016 17:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/14/2016 10:00:25 AM

Quant Time: May 13 23:01:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	174048	20.00	ng		-0.08
21) Naphthalene-d8	7.91	136	739662	20.00	ng		-0.08
38) Acenaphthene-d10	9.66	164	361624	20.00	ng		-0.08
63) Phenanthrene-d10	11.13	188	689630	20.00	ng		-0.08
75) Chrysene-d12	13.76	240	529942	20.00	ng		-0.08
86) Perylene-d12	15.12	264	444976	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	880252	85.65	ng		-0.09
7) Phenol-d6	6.28	99	1047522	76.26	ng		-0.08
23) Nitrobenzene-d5	7.20	82	1225282	83.18	ng		-0.07
41) 2,4,6-Tribromophenol	10.44	330	310432	81.09	ng		-0.08
44) 2-Fluorobiphenyl	8.98	172	1675299	77.86	ng		-0.08
78) Terphenyl-d14	12.72	244	2005347	80.29	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	203004	40.23	ng	#	72
3) Pyridine	2.67	79	576692	46.75	ng	#	63
4) n-Nitrosodimethylamine	2.64	42	386902	43.26	ng	#	47
6) Aniline	6.28	93	673869	40.56	ng	#	82
8) 2-Chlorophenol	6.41	128	487647	39.32	ng		96
9) Benzaldehyde	6.16	77	298351	37.51	ng		98
10) Phenol	6.30	94	633884	38.83	ng		72
11) bis(2-Chloroethyl)ether	6.36	93	534280	41.97	ng		89
12) 1,3-Dichlorobenzene	6.55	146	511529	38.12	ng	#	89
13) 1,4-Dichlorobenzene	6.63	146	512420	37.44	ng	#	91
14) 1,2-Dichlorobenzene	6.79	146	491198	41.18	ng		97
15) Benzyl Alcohol	6.78	79	386596	40.76	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1073860	38.80	ng		55
17) 2-Methylphenol	6.90	107	378237	38.33	ng	#	79
18) Hexachloroethane	7.12	117	205542	39.92	ng		92
19) n-Nitroso-di-n-propylamine	7.05	70	376405	39.21	ng	#	67
20) 3+4-Methylphenols	7.06	107	511691	39.70	ng	#	61
22) Acetophenone	7.04	105	681474	39.01	ng	#	96
24) Nitrobenzene	7.21	77	566645	37.39	ng		94
25) Isophorone	7.46	82	1066892	39.04	ng		95
26) 2-Nitrophenol	7.53	139	288168	43.26	ng	#	86
27) 2,4-Dimethylphenol	7.59	122	468671	41.31	ng		90
28) bis(2-Chloroethoxy)methane	7.67	93	543338	36.86	ng	#	98
29) 2,4-Dichlorophenol	7.78	162	411986	41.25	ng		97
30) 1,2,4-Trichlorobenzene	7.85	180	441543	39.54	ng		97
31) Naphthalene	7.93	128	1491437	40.26	ng		99
32) Benzoic acid	7.75	122	254702	38.22	ng	#	77
33) 4-Chloroaniline	7.99	127	547894	38.06	ng	#	89
34) Hexachlorobutadiene	8.04	225	239818	37.02	ng		100
35) Caprolactam	8.39	113	145758	42.90	ng	#	55
36) 4-Chloro-3-methylphenol	8.49	107	451322	37.26	ng		90
37) 2-Methylnaphthalene	8.62	142	845426	39.03	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	432615	41.15	ng		99
40) Hexachlorocyclopentadiene	8.76	237	161071	32.28	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	280010	39.83	ng		97
43) 2,4,5-Trichlorophenol	8.96	196	275187	37.85	ng		94
45) 1,1'-Biphenyl	9.08	154	1148278	39.92	ng		97
46) 2-Chloronaphthalene	9.11	162	926824	41.13	ng		97
47) 2-Nitroaniline	9.21	65	334660	40.63	ng	#	74
48) Acenaphthylene	9.52	152	1414075	42.66	ng		99
49) Dimethylphthalate	9.39	163	1098805	39.83	ng		99
50) 2,6-Dinitrotoluene	9.46	165	260871	44.93	ng		97
51) Acenaphthene	9.69	154	887296	43.03	ng		99
52) 3-Nitroaniline	9.63	138	300432	49.15	ng		99
53) 2,4-Dinitrophenol	9.74	184	118180	43.69	ng	#	80
54) Dibenzofuran	9.86	168	1129395	42.67	ng		98
55) 4-Nitrophenol	9.82	139	179520	46.09	ng	#	72
56) 2,4-Dinitrotoluene	9.86	165	278044	38.70	ng	#	73
57) Fluorene	10.20	166	981169	43.47	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	230461	42.10	ng		99
59) Diethylphthalate	10.09	149	975886	36.30	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	386967	37.86	ng		97
61) 4-Nitroaniline	10.25	138	297436	50.66	ng	#	77
62) Azobenzene	10.35	77	1091517	37.63	ng		84
64) 4,6-Dinitro-2-methylphenol	10.27	198	183709	42.88	ng	#	70
65) n-Nitrosodiphenylamine	10.32	169	772642	36.47	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	289061	41.34	ng		90
67) Hexachlorobenzene	10.74	284	294355	36.02	ng	#	68
68) Atrazine	10.86	200	276541	39.07	ng		94
69) Pentachlorophenol	10.95	266	171298	45.36	ng		98
70) Phenanthrene	11.15	178	1309086	35.57	ng		99
71) Anthracene	11.21	178	1596200	42.41	ng		99
72) Carbazole	11.37	167	1309899	40.48	ng		98
73) Di-n-butylphthalate	11.70	149	1452152	36.75	ng	#	98
74) Fluoranthene	12.33	202	1540725	40.70	ng		100
76) Benzidine	12.47	184	648489	48.00	ng		97
77) Pyrene	12.56	202	1457261	35.92	ng		99
79) Butylbenzylphthalate	13.19	149	689346	40.17	ng	#	64
80) Benzo(a)anthracene	13.75	228	1240879	41.71	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	790423	41.82	ng	#	97
82) Chrysene	13.78	228	1223229	40.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	818397	39.65	ng	#	94
84) Di-n-octyl phthalate	14.37	149	1476279	43.17	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.37	276	1018147	40.44	ng		95
87) Benzo(b)fluoranthene	14.75	252	1300209m	44.96	ng		
88) Benzo(k)fluoranthene	14.78	252	841391m	35.53	ng		
89) Benzo(a)pyrene	15.06	252	959159	38.45	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	829007	39.43	ng		98
91) Benzo(g,h,i)perylene	16.74	276	868897	40.68	ng	#	92

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

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