Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084963.D
Acq On : 9 Feb 2016 20:25
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/10/2016 1:45:09 PM

Quant Time: Feb 10 06:58:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	199534	20.00	ng		-0.05
21) Naphthalene-d8	7.93	136	816263	20.00	ng		-0.05
38) Acenaphthene-d10	9.68	164	377410	20.00	ng		-0.06
63) Phenanthrene-d10	11.15	188	686181	20.00	ng		-0.06
75) Chrysene-d12	13.78	240	487318	20.00	ng		-0.06
86) Perylene-d12	15.14	264	376256	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1030471	80.44	ng		-0.06
7) Phenol-d6	6.29	99	1121009	70.59	ng		-0.05
23) Nitrobenzene-d5	7.21	82	1142362	78.84	ng		-0.06
41) 2,4,6-Tribromophenol	10.46	330	325637	82.72	ng		-0.06
44) 2-Fluorobiphenyl	9.00	172	1687384	71.38	ng		-0.06
78) Terphenyl-d14	12.74	244	1841211	85.62	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	30251m	5.39	ng		
3) Pyridine	2.74	79	534576	36.56	ng	#	76
4) n-Nitrosodimethylamine	2.70	42	290753	38.45	ng		83
6) Aniline	6.30	93	772608	39.76	ng	#	66
8) 2-Chlorophenol	6.42	128	533940	36.82	ng		91
9) Benzaldehyde	6.18	77	327926	34.97	ng		98
10) Phenol	6.30	94	604938	34.00	ng	#	71
11) bis(2-Chloroethyl)ether	6.38	93	567369	40.90	ng		88
12) 1,3-Dichlorobenzene	6.57	146	573407	37.43	ng	#	90
13) 1,4-Dichlorobenzene	6.65	146	568469	37.12	ng		98
14) 1,2-Dichlorobenzene	6.81	146	551442	38.66	ng		98
15) Benzyl Alcohol	6.80	79	432036	39.40	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	888125	38.06	ng		87
17) 2-Methylphenol	6.92	107	439491	38.32	ng	#	87
18) Hexachloroethane	7.15	117	227867	38.64	ng	#	86
19) n-Nitroso-di-n-propylamine	7.07	70	353630	35.52	ng	#	76
20) 3+4-Methylphenols	7.07	107	533072	37.45	ng	#	79
22) Acetophenone	7.06	105	767856	35.69	ng	#	98
24) Nitrobenzene	7.23	77	567170	36.55	ng		96
25) Isophorone	7.48	82	1068359	37.92	ng		95
26) 2-Nitrophenol	7.55	139	318289	41.59	ng		97
27) 2,4-Dimethylphenol	7.60	122	482313	36.23	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	585925	35.05	ng		100
29) 2,4-Dichlorophenol	7.79	162	409128	35.92	ng		95
30) 1,2,4-Trichlorobenzene	7.87	180	489223	38.03	ng		95
31) Naphthalene	7.95	128	1602720	39.14	ng		100
32) Benzoic acid	7.76	122	372767	43.78	ng		94
33) 4-Chloroaniline	8.01	127	680375	40.18	ng		95
34) Hexachlorobutadiene	8.06	225	262323	35.36	ng		97
35) Caprolactam	8.40	113	128091	36.49	ng	#	53
36) 4-Chloro-3-methylphenol	8.50	107	465243	35.81	ng		94
37) 2-Methylnaphthalene	8.64	142	954541	37.25	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	468020	39.05	ng		99
40) Hexachlorocyclopentadiene	8.78	237	168357	40.27	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	296174	38.35	ng		93
43) 2,4,5-Trichlorophenol	8.97	196	307103	39.14	ng		96
45) 1,1'-Biphenyl	9.10	154	1354123	40.17	ng		98
46) 2-Chloronaphthalene	9.13	162	977984	39.40	ng	#	90
47) 2-Nitroaniline	9.23	65	338247	43.03	ng		88
48) Acenaphthylene	9.54	152	1507017	40.00	ng		98
49) Dimethylphthalate	9.41	163	1022817	35.58	ng	#	90
50) 2,6-Dinitrotoluene	9.47	165	226278	36.03	ng	#	42
51) Acenaphthene	9.71	154	960796	39.20	ng		97
52) 3-Nitroaniline	9.64	138	265526	37.63	ng	#	90
53) 2,4-Dinitrophenol	9.76	184	114733	42.52	ng	#	82
54) Dibenzofuran	9.88	168	1189189	39.70	ng		98
55) 4-Nitrophenol	9.82	139	186375	35.94	ng		84
56) 2,4-Dinitrotoluene	9.88	165	311036	38.83	ng	#	84
57) Fluorene	10.22	166	981273	39.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	218620	36.60	ng		89
59) Diethylphthalate	10.11	149	1108769	39.50	ng		98
60) 4-Chlorophenyl-phenylether	10.21	204	411064	37.98	ng		92
61) 4-Nitroaniline	10.26	138	296429	43.11	ng		84
62) Azobenzene	10.37	77	1020849	37.82	ng		90
64) 4,6-Dinitro-2-methylphenol	10.28	198	159582	37.68	ng	#	53
65) n-Nitrosodiphenylamine	10.34	169	847252	38.89	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	317260	41.86	ng		95
67) Hexachlorobenzene	10.76	284	298169	36.11	ng	#	85
68) Atrazine	10.88	200	301637	43.84	ng		95
69) Pentachlorophenol	10.97	266	126930	32.71	ng		97
70) Phenanthrene	11.17	178	1350564	35.49	ng		97
71) Anthracene	11.23	178	1548307	40.37	ng		99
72) Carbazole	11.39	167	1354573	40.51	ng		97
73) Di-n-butylphthalate	11.72	149	1490642	35.01	ng	#	96
74) Fluoranthene	12.35	202	1406762	36.52	ng		98
76) Benzidine	12.49	184	697872	40.82	ng		99
77) Pyrene	12.58	202	1346804	36.10	ng		99
79) Butylbenzylphthalate	13.21	149	659927	38.99	ng	#	85
80) Benzo(a)anthracene	13.77	228	1212198	40.08	ng		97
81) 3,3'-Dichlorobenzidine	13.73	252	393983	36.79	ng	#	94
82) Chrysene	13.80	228	916759	31.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	852341	40.47	ng	#	95
84) Di-n-octyl phthalate	14.39	149	1251363	36.01	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.40	276	924874	40.06	ng		98
87) Benzo(b)fluoranthene	14.77	252	1123461m	44.44	ng		
88) Benzo(k)fluoranthene	14.80	252	701986m	33.58	ng		
89) Benzo(a)pyrene	15.08	252	822284	38.17	ng	#	97
90) Dibenzo(a,h)anthracene	16.41	278	760530	41.94	ng	#	96
91) Benzo(g,h,i)perylene	16.77	276	795545	43.56	ng		96

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

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