Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084278.D
Acq On : 5 Jan 2016 11:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/5/2016 4:07:42 PM

Quant Time: Jan 05 12:26:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	252798	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1053291	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	498604	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	829867	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	525961	20.00	ng		-0.01
86) Perylene-d12	15.49	264	533662	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1295801	82.91	ng		0.01
7) Phenol-d6	6.53	99	1580571	80.52	ng		0.00
23) Nitrobenzene-d5	7.46	82	1375823	72.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	375278	74.55	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2372775	83.61	ng		-0.01
78) Terphenyl-d14	13.00	244	1700691	72.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	299535	40.46	ng	#	75
3) Pyridine	3.24	79	854881	41.41	ng	#	72
4) n-Nitrosodimethylamine	3.20	42	421523	39.78	ng	#	77
6) Aniline	6.56	93	1068474	37.21	ng		98
8) 2-Chlorophenol	6.68	128	761285	42.93	ng		98
9) Benzaldehyde	6.44	77	498720	39.02	ng		91
10) Phenol	6.56	94	843710	37.80	ng	#	45
11) bis(2-Chloroethyl)ether	6.62	93	696849	40.31	ng	#	79
12) 1,3-Dichlorobenzene	6.83	146	739105	40.41	ng	#	94
13) 1,4-Dichlorobenzene	6.91	146	793422	43.25	ng		95
14) 1,2-Dichlorobenzene	7.06	146	660891	37.62	ng		95
15) Benzyl Alcohol	7.04	79	591506	35.82	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1145768	36.39	ng		85
17) 2-Methylphenol	7.16	107	608704	40.96	ng		95
18) Hexachloroethane	7.40	117	290458	39.60	ng	#	89
19) n-Nitroso-di-n-propylamine	7.31	70	479612	36.09	ng	#	71
20) 3+4-Methylphenols	7.31	107	646351	37.00	ng	#	59
22) Acetophenone	7.31	105	1041464	41.12	ng	#	91
24) Nitrobenzene	7.48	77	849192	44.24	ng		97
25) Isophorone	7.72	82	1419448	39.22	ng		100
26) 2-Nitrophenol	7.79	139	355799	40.73	ng	#	76
27) 2,4-Dimethylphenol	7.84	122	651572	36.85	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	800173	36.19	ng		99
29) 2,4-Dichlorophenol	8.04	162	600628	40.78	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	634766	41.74	ng		95
31) Naphthalene	8.20	128	1929531	40.38	ng		98
32) Benzoic acid	7.95	122	303664	29.47	ng		92
33) 4-Chloroaniline	8.26	127	848352	38.72	ng	#	88
34) Hexachlorobutadiene	8.32	225	339676	38.86	ng		98
35) Caprolactam	8.64	113	198345	39.94	ng	#	78
36) 4-Chloro-3-methylphenol	8.74	107	591423	35.85	ng		93
37) 2-Methylnaphthalene	8.89	142	1314415	38.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	594143	41.45	ng		98
40) Hexachlorocyclopentadiene	9.05	237	304538	35.19	ng		99

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Quant Time: Jan 05 12:26:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	385379	35.94	ng		94
43) 2,4,5-Trichlorophenol	9.22	196	415317	40.40	ng		97
45) 1,1'-Biphenyl	9.36	154	1488598	37.56	ng		99
46) 2-Chloronaphthalene	9.38	162	1104909	35.50	ng		97
47) 2-Nitroaniline	9.48	65	442472	43.07	ng		90
48) Acenaphthylene	9.80	152	1900122	41.32	ng		97
49) Dimethylphthalate	9.66	163	1452918	40.76	ng	#	90
50) 2,6-Dinitrotoluene	9.72	165	304544	38.95	ng	#	61
51) Acenaphthene	9.97	154	1256333	40.73	ng		98
52) 3-Nitroaniline	9.89	138	353448	36.49	ng		93
53) 2,4-Dinitrophenol	10.00	184	79215	26.29	ng	#	78
54) Dibenzofuran	10.14	168	1702585	42.45	ng		99
55) 4-Nitrophenol	10.06	139	223164	31.74	ng	#	77
56) 2,4-Dinitrotoluene	10.12	165	386457	39.06	ng		91
57) Fluorene	10.49	166	1253409	40.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	311887	35.53	ng		94
59) Diethylphthalate	10.36	149	1429182	40.67	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	584011	44.76	ng		99
61) 4-Nitroaniline	10.50	138	314000	36.36	ng		92
62) Azobenzene	10.64	77	1510412	39.18	ng		92
64) 4,6-Dinitro-2-methylphenol	10.53	198	143743	29.01	ng		70
65) n-Nitrosodiphenylamine	10.60	169	1083993	40.85	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	400141	44.80	ng	#	93
67) Hexachlorobenzene	11.02	284	386722	38.47	ng	#	77
68) Atrazine	11.13	200	385022	44.34	ng		96
69) Pentachlorophenol	11.22	266	159730	30.64	ng		97
70) Phenanthrene	11.45	178	1888069	43.50	ng		97
71) Anthracene	11.49	178	1687231	39.65	ng		97
72) Carbazole	11.65	167	1547454	37.20	ng		99
73) Di-n-butylphthalate	11.98	149	1977306	44.62	ng	#	96
74) Fluoranthene	12.62	202	1514895	33.41	ng		98
76) Benzidine	12.75	184	609417	32.32	ng		99
77) Pyrene	12.85	202	1492603	36.16	ng		98
79) Butylbenzylphthalate	13.48	149	697346	39.04	ng		97
80) Benzo(a)anthracene	14.04	228	1105816	35.81	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	435974	40.45	ng	#	95
82) Chrysene	14.08	228	1005659	33.89	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	814011	36.08	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1337827	35.12	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.91	276	1229785	52.28	ng		100
87) Benzo(b)fluoranthene	15.08	252	1293533	37.05	ng		99
88) Benzo(k)fluoranthene	15.11	252	1001277m	35.07	ng		
89) Benzo(a)pyrene	15.44	252	1181216	39.89	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	1005537	39.47	ng		96
91) Benzo(g,h,i)perylene	17.35	276	1004467	38.07	ng		96

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

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