Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
Data File : BF084280.D
Acq On : 6 Jan 2016 10:48
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
umangi
1/7/2016 12:03:54 PM

Quant Time: Jan 07 00:26:34 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	6.86	152	279982	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1084401	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	511164	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	937069	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	799682	20.00	ng		-0.03
86) Perylene-d12	15.46	264	609706	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1293048	74.70	ng		-0.02
7) Phenol-d6	6.51	99	1690141	77.74	ng		-0.02
23) Nitrobenzene-d5	7.44	82	1548337	79.47	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	431556	83.62	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2296537	78.56	ng		-0.03
78) Terphenyl-d14	12.98	244	2274937	63.50	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	331609	40.44	ng	#	73
3) Pyridine	3.18	79	879184	38.46	ng	#	73
4) n-Nitrosodimethylamine	3.14	42	465765	39.69	ng		79
6) Aniline	6.53	93	1130576	35.55	ng	#	90
8) 2-Chlorophenol	6.66	128	819833	41.75	ng		96
9) Benzaldehyde	6.42	77	540240	38.16	ng		95
10) Phenol	6.53	94	929750	37.61	ng	#	55
11) bis(2-Chloroethyl)ether	6.61	93	825769	43.13	ng		88
12) 1,3-Dichlorobenzene	6.81	146	782116m	38.61	ng		
13) 1,4-Dichlorobenzene	6.89	146	818655	40.30	ng		97
14) 1,2-Dichlorobenzene	7.05	146	740864	38.08	ng		94
15) Benzyl Alcohol	7.01	79	649770	35.53	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1285973	36.88	ng		84
17) 2-Methylphenol	7.14	107	667097	40.53	ng		96
18) Hexachloroethane	7.39	117	314924	38.76	ng	#	77
19) n-Nitroso-di-n-propylamine	7.29	70	529041	35.95	ng	#	68
20) 3+4-Methylphenols	7.29	107	675437	34.91	ng	#	44
22) Acetophenone	7.29	105	1060458	40.67	ng	#	91
24) Nitrobenzene	7.46	77	858620	43.45	ng		96
25) Isophorone	7.70	82	1465272	39.32	ng		99
26) 2-Nitrophenol	7.78	139	407602	45.32	ng		91
27) 2,4-Dimethylphenol	7.81	122	715409	39.30	ng		95
28) bis(2-Chloroethoxy)methane	7.92	93	963041	42.31	ng		97
29) 2,4-Dichlorophenol	8.02	162	640348	42.23	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	654458	41.80	ng		96
31) Naphthalene	8.18	128	1946218	39.56	ng		98
32) Benzoic acid	7.93	122	309342	29.22	ng		98
33) 4-Chloroaniline	8.24	127	971299	43.06	ng	#	90
34) Hexachlorobutadiene	8.30	225	385324	42.82	ng		98
35) Caprolactam	8.60	113	195615	38.26	ng	#	47
36) 4-Chloro-3-methylphenol	8.72	107	695258	40.93	ng		96
37) 2-Methylnaphthalene	8.86	142	1347627	38.16	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	657279	44.73	ng		99
40) Hexachlorocyclopentadiene	9.02	237	408339	46.03	ng		98

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Quant Time: Jan 07 00:26:34 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)
42) 2,4,6-Trichlorophenol	9.15	196	454235	41.32	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	408349	38.74	ng	#	83
45) 1,1'-Biphenyl	9.33	154	1603266	39.46	ng		99
46) 2-Chloronaphthalene	9.36	162	1196965	37.51	ng		96
47) 2-Nitroaniline	9.46	65	453909	43.10	ng	#	68
48) Acenaphthylene	9.77	152	1906593	40.44	ng		97
49) Dimethylphthalate	9.64	163	1589007	43.48	ng	#	91
50) 2,6-Dinitrotoluene	9.70	165	353403	44.09	ng	#	72
51) Acenaphthene	9.94	154	1285448	40.65	ng		98
52) 3-Nitroaniline	9.87	138	448136	45.12	ng	#	85
53) 2,4-Dinitrophenol	9.96	184	124036	38.27	ng	#	70
54) Dibenzofuran	10.11	168	1711862	41.57	ng	#	89
55) 4-Nitrophenol	10.03	139	261671	36.30	ng	#	75
56) 2,4-Dinitrotoluene	10.10	165	466774	46.02	ng		98
57) Fluorene	10.45	166	1201133	37.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	379457	42.17	ng		91
59) Diethylphthalate	10.34	149	1537191	42.66	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	659336	50.27	ng		94
61) 4-Nitroaniline	10.48	138	381715	43.12	ng		95
62) Azobenzene	10.61	77	1670719	42.28	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	193744	34.02	ng	#	41
65) n-Nitrosodiphenylamine	10.57	169	1108703	37.01	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	420825	41.72	ng		97
67) Hexachlorobenzene	11.00	284	430865	37.96	ng	#	87
68) Atrazine	11.10	200	432228	44.08	ng		94
69) Pentachlorophenol	11.20	266	198655	33.75	ng		98
70) Phenanthrene	11.41	178	1896330	38.69	ng		96
71) Anthracene	11.47	178	2100255	43.71	ng		97
72) Carbazole	11.63	167	1920427	40.88	ng		97
73) Di-n-butylphthalate	11.96	149	2363568	48.20	ng	#	96
74) Fluoranthene	12.60	202	1932244	37.74	ng		98
76) Benzidine	12.73	184	976819	34.07	ng		99
77) Pyrene	12.83	202	1984152	31.62	ng		97
79) Butylbenzylphthalate	13.46	149	998167	36.76	ng	#	86
80) Benzo(a)anthracene	14.02	228	1576598	33.58	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	644354	39.32	ng	#	97
82) Chrysene	14.05	228	1496440	33.17	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	1216753	35.47	ng	#	95
84) Di-n-octyl phthalate	14.63	149	1941009	33.51	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.85	276	1416315	39.60	ng		100
87) Benzo(b)fluoranthene	15.05	252	1506819	37.78	ng		98
88) Benzo(k)fluoranthene	15.07	252	1346622m	41.28	ng		
89) Benzo(a)pyrene	15.40	252	1364770	40.34	ng		99
90) Dibenzo(a,h)anthracene	16.88	278	1167192	40.10	ng		96
91) Benzo(g,h,i)perylene	17.28	276	1186928	39.37	ng		98

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

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