Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088637.D
Acq On : 3 Jul 2016 9:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
umangi
7/5/2016 7:52:27 PM

Quant Time: Jul 04 05:26:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	119000	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	485751	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	236445	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	435793	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	311436	20.00	ng		-0.02
86) Perylene-d12	15.33	264	307500	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	549765	69.24	ng		-0.03
7) Phenol-d6	6.42	99	717262	69.91	ng		-0.02
23) Nitrobenzene-d5	7.36	82	767073	82.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	187495	85.39	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1123470	75.05	ng		-0.02
78) Terphenyl-d14	12.89	244	1050416	75.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	135517	34.42	ng	#	34
3) Pyridine	3.02	79	402883	35.27	ng		92
4) n-Nitrosodimethylamine	2.97	42	152183	34.87	ng		87
6) Aniline	6.44	93	528206	35.33	ng	#	87
8) 2-Chlorophenol	6.57	128	326769	38.29	ng		98
9) Benzaldehyde	6.33	77	243148	34.99	ng		88
10) Phenol	6.43	94	370557	31.65	ng	#	65
11) bis(2-Chloroethyl)ether	6.52	93	306922	35.15	ng		92
12) 1,3-Dichlorobenzene	6.73	146	366199	39.00	ng		96
13) 1,4-Dichlorobenzene	6.81	146	355197	38.11	ng		96
14) 1,2-Dichlorobenzene	6.96	146	342859m	39.30	ng		
15) Benzyl Alcohol	6.94	79	304660	40.35	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	433030	34.24	ng		92
17) 2-Methylphenol	7.05	107	269552	38.72	ng		99
18) Hexachloroethane	7.30	117	139290	38.63	ng	#	86
19) n-Nitroso-di-n-propylamine	7.21	70	235295	34.14	ng		92
20) 3+4-Methylphenols	7.20	107	321521	38.48	ng	#	55
22) Acetophenone	7.20	105	441362	37.44	ng	#	85
24) Nitrobenzene	7.37	77	336337	35.99	ng	#	81
25) Isophorone	7.62	82	667602	38.88	ng		99
26) 2-Nitrophenol	7.69	139	175196	45.71	ng		93
27) 2,4-Dimethylphenol	7.74	122	330559	41.41	ng		92
28) bis(2-Chloroethoxy)methane	7.83	93	403632	36.12	ng	#	95
29) 2,4-Dichlorophenol	7.93	162	248409	38.51	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	290415	41.02	ng		97
31) Naphthalene	8.10	128	973010	40.63	ng		98
32) Benzoic acid	7.86	122	233408	40.28	ng		94
33) 4-Chloroaniline	8.15	127	456449	42.84	ng		98
34) Hexachlorobutadiene	8.22	225	148174	39.09	ng		99
35) Caprolactam	8.52	113	95477	43.58	ng		91
36) 4-Chloro-3-methylphenol	8.63	107	280866	36.82	ng		93
37) 2-Methylnaphthalene	8.79	142	614457m	39.85	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	313738	39.89	ng	#	1
40) Hexachlorocyclopentadiene	8.95	237	160919	41.69	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088637.D
Acq On : 3 Jul 2016 9:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
7/5/2016 7:52:27 PM

Quant Time: Jul 04 05:26:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	181262	34.96	ng		97
43) 2,4,5-Trichlorophenol	9.11	196	192752	43.21	ng		97
45) 1,1'-Biphenyl	9.26	154	777898	39.73	ng		96
46) 2-Chloronaphthalene	9.28	162	595074	38.71	ng		93
47) 2-Nitroaniline	9.37	65	230567	42.27	ng		87
48) Acenaphthylene	9.69	152	985720	40.30	ng		99
49) Dimethylphthalate	9.55	163	594430	35.29	ng		100
50) 2,6-Dinitrotoluene	9.61	165	134121	35.92	ng	#	48
51) Acenaphthene	9.86	154	612228	40.84	ng		99
52) 3-Nitroaniline	9.78	138	202627	42.70	ng		96
53) 2,4-Dinitrophenol	9.88	184	86709	52.60	ng	#	78
54) Dibenzofuran	10.03	168	783726	39.94	ng		95
55) 4-Nitrophenol	9.94	139	159769	44.30	ng	#	77
56) 2,4-Dinitrotoluene	10.01	165	174736	35.80	ng	#	51
57) Fluorene	10.38	166	578992	38.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	142481	41.28	ng	#	50
59) Diethylphthalate	10.25	149	621453	36.76	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	256304	36.48	ng		96
61) 4-Nitroaniline	10.39	138	163762	35.86	ng		85
62) Azobenzene	10.52	77	732078	37.96	ng		95
64) 4,6-Dinitro-2-methylphenol	10.42	198	112960	48.46	ng	#	77
65) n-Nitrosodiphenylamine	10.49	169	553404	37.52	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	175799	40.03	ng		98
67) Hexachlorobenzene	10.91	284	179625	36.95	ng	#	88
68) Atrazine	11.02	200	189703	41.28	ng		95
69) Pentachlorophenol	11.11	266	119329	41.48	ng		98
70) Phenanthrene	11.32	178	818627	34.36	ng		99
71) Anthracene	11.38	178	954348	40.29	ng		99
72) Carbazole	11.53	167	767902	34.44	ng		99
73) Di-n-butylphthalate	11.87	149	1003124	38.68	ng		99
74) Fluoranthene	12.51	202	963846	39.91	ng		94
76) Benzidine	12.63	184	484273	30.76	ng		99
77) Pyrene	12.73	202	929691	35.21	ng		100
79) Butylbenzylphthalate	13.36	149	395968	33.62	ng	#	73
80) Benzo(a)anthracene	13.92	228	766919	38.24	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	282288	37.44	ng	#	96
82) Chrysene	13.95	228	659399	33.23	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	525871	39.11	ng	#	96
84) Di-n-octyl phthalate	14.54	149	1005234	44.00	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	597149	39.12	ng	#	100
87) Benzo(b)fluoranthene	14.94	252	821397m	42.58	ng		
88) Benzo(k)fluoranthene	14.96	252	524138m	31.21	ng		
89) Benzo(a)pyrene	15.27	252	626431	38.36	ng		96
90) Dibenzo(a,h)anthracene	16.67	278	510629	37.44	ng		98
91) Benzo(g,h,i)perylene	17.06	276	514849	36.48	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088637.D
Acq On : 3 Jul 2016 9:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 04 05:26:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
umangi
7/5/2016 7:52:27 PM