Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089657.D
Acq On : 6 Aug 2016 8:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
umangi
8/8/2016 9:21:22 AM

Quant Time: Aug 08 01:03:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	60889	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	252004	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	106121	20.00	ng		0.00
63) Phenanthrene-d10	14.69	188	163442	20.00	ng		-0.01
75) Chrysene-d12	18.39	240	120802	20.00	ng		0.00
86) Perylene-d12	20.05	264	110047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	299838	82.53	ng		0.01
7) Phenol-d6	6.99	99	385867	78.30	ng		0.01
23) Nitrobenzene-d5	8.36	82	364533	80.01	ng		0.00
41) 2,4,6-Tribromophenol	13.59	330	60879	69.52	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	636466	77.95	ng		0.00
78) Terphenyl-d14	17.05	244	365538	59.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	65338	31.37	ng		93
3) Pyridine	2.30	79	172636	45.11	ng		98
4) n-Nitrosodimethylamine	2.28	42	67762	41.47	ng		100
6) Aniline	6.94	93	268547	42.05	ng		100
8) 2-Chlorophenol	7.12	128	176383	39.55	ng		96
9) Benzaldehyde	6.74	77	99233	55.50	ng		90
10) Phenol	7.02	94	210369	41.58	ng		92
11) bis(2-Chloroethyl)ether	7.10	93	166536	38.31	ng		100
12) 1,3-Dichlorobenzene	7.35	146	187073	38.62	ng		100
13) 1,4-Dichlorobenzene	7.47	146	185723	38.44	ng		98
14) 1,2-Dichlorobenzene	7.70	146	186959	36.71	ng		98
15) Benzyl Alcohol	7.74	79	132953	41.14	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.94	45	206604	37.32	ng		76
17) 2-Methylphenol	7.95	107	127618	39.62	ng		97
18) Hexachloroethane	8.23	117	71006	34.87	ng		98
19) n-Nitroso-di-n-propylamine	8.17	70	135541	38.07	ng		96
20) 3+4-Methylphenols	8.22	107	169845	41.77	ng		94
22) Acetophenone	8.14	105	241155	40.14	ng	#	98
24) Nitrobenzene	8.39	77	180298	41.66	ng		98
25) Isophorone	8.79	82	330134	37.84	ng		100
26) 2-Nitrophenol	8.89	139	83599	42.10	ng		97
27) 2,4-Dimethylphenol	9.04	122	149303	41.82	ng		97
28) bis(2-Chloroethoxy)methane	9.18	93	217889	41.28	ng		99
29) 2,4-Dichlorophenol	9.31	162	134112	39.70	ng		96
30) 1,2,4-Trichlorobenzene	9.40	180	149331	38.70	ng		99
31) Naphthalene	9.51	128	506083	37.78	ng		99
32) Benzoic acid	9.37	122	68145	30.38	ng		96
33) 4-Chloroaniline	9.64	127	205594	40.87	ng		98
34) Hexachlorobutadiene	9.74	225	84330	37.95	ng		98
35) Caprolactam	10.30	113	40203	40.83	ng		99
36) 4-Chloro-3-methylphenol	10.50	107	149740	38.13	ng		93
37) 2-Methylnaphthalene	10.63	142	309374	37.56	ng		100
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	163008	40.87	ng		99
40) Hexachlorocyclopentadiene	10.89	237	11480	16.42	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089657.D
Acq On : 6 Aug 2016 8:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
umangi
8/8/2016 9:21:22 AM

Quant Time: Aug 08 01:03:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	83021	42.20	ng		97
43) 2,4,5-Trichlorophenol	11.21	196	89751	42.69	ng		97
45) 1,1'-Biphenyl	11.40	154	380368	39.74	ng		99
46) 2-Chloronaphthalene	11.42	162	284879	39.70	ng		99
47) 2-Nitroaniline	11.62	65	88999	38.48	ng		99
48) Acenaphthylene	12.07	152	447079	37.83	ng		100
49) Dimethylphthalate	11.97	163	335477	40.33	ng		99
50) 2,6-Dinitrotoluene	12.05	165	67258	40.67	ng		89
51) Acenaphthene	12.35	154	252927	37.05	ng		99
52) 3-Nitroaniline	12.31	138	75879	38.36	ng		95
53) 2,4-Dinitrophenol	12.54	184	7708	18.51	ng		87
54) Dibenzofuran	12.64	168	350507	37.35	ng		100
55) 4-Nitrophenol	12.70	139	36184m	31.86	ng		
56) 2,4-Dinitrotoluene	12.70	165	81979	35.24	ng		93
57) Fluorene	13.19	166	280208	34.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	58499	36.65	ng		97
59) Diethylphthalate	13.11	149	329593	38.32	ng		100
60) 4-Chlorophenyl-phenylether	13.22	204	135749	36.90	ng		98
61) 4-Nitroaniline	13.31	138	64260	36.13	ng		97
62) Azobenzene	13.47	77	306067	36.79	ng		92
64) 4,6-Dinitro-2-methylphenol	13.37	198	23410	26.15	ng		86
65) n-Nitrosodiphenylamine	13.44	169	251389	45.54	ng		99
66) 4-Bromophenyl-phenylether	14.01	248	71778	45.40	ng		95
67) Hexachlorobenzene	14.07	284	69897	40.19	ng		99
68) Atrazine	14.35	200	73059	47.40	ng		98
69) Pentachlorophenol	14.42	266	31508	44.26	ng		97
70) Phenanthrene	14.73	178	340747	38.34	ng		99
71) Anthracene	14.81	178	361708	37.96	ng		99
72) Carbazole	15.11	167	302520	38.10	ng		99
73) Di-n-butylphthalate	15.70	149	439763	40.95	ng		99
74) Fluoranthene	16.49	202	323890	35.45	ng		98
76) Benzidine	16.73	184	140725	38.43	ng		99
77) Pyrene	16.79	202	329681	30.87	ng		99
79) Butylbenzylphthalate	17.73	149	150521	33.12	ng		98
80) Benzo(a)anthracene	18.38	228	262225	37.78	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	98864	45.21	ng		99
82) Chrysene	18.42	228	275087	37.78	ng		100
83) Bis(2-ethylhexyl)phthalate	18.47	149	213226	33.88	ng		100
84) Di-n-octyl phthalate	19.25	149	379052	41.86	ng		99
85) Indeno(1,2,3-cd)pyrene	21.23	276	207097	37.45	ng		100
87) Benzo(b)fluoranthene	19.65	252	245628	36.29	ng		98
88) Benzo(k)fluoranthene	19.68	252	268553m	39.33	ng		
89) Benzo(a)pyrene	19.99	252	229689	36.25	ng	#	95
90) Dibenzo(a,h)anthracene	21.25	278	185080	31.26	ng		98
91) Benzo(g,h,i)perylene	21.57	276	172653	28.49	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089657.D
Acq On : 6 Aug 2016 8:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 01:03:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
umangi
8/8/2016 9:21:22 AM