Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085484.D
Acq On : 17 Mar 2016 1:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/17/2016 5:20:15 PM

Quant Time: Mar 17 03:10:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	231128	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	932848	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	407302	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	738611	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	425669	20.00	ng		-0.01
86) Perylene-d12	15.51	264	380155	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	973449	72.40	ng		-0.01
7) Phenol-d6	6.54	99	1313238	75.29	ng		-0.01
23) Nitrobenzene-d5	7.48	82	1165266	73.86	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	322728	86.03	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	1734419	73.88	ng		-0.01
78) Terphenyl-d14	13.02	244	1760200	93.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	267983	39.94	ng		96
3) Pyridine	3.27	79	612706	38.47	ng		97
4) n-Nitrosodimethylamine	3.22	42	285734	38.85	ng		98
6) Aniline	6.57	93	967134	40.17	ng		96
8) 2-Chlorophenol	6.69	128	595913	37.80	ng		98
9) Benzaldehyde	6.45	77	317671	32.62	ng		99
10) Phenol	6.55	94	714114	36.53	ng		94
11) bis(2-Chloroethyl)ether	6.64	93	552494	36.75	ng		96
12) 1,3-Dichlorobenzene	6.85	146	697068	39.89	ng		98
13) 1,4-Dichlorobenzene	6.93	146	677789m	38.73	ng		
14) 1,2-Dichlorobenzene	7.08	146	586508	38.18	ng		98
15) Benzyl Alcohol	7.05	79	501857	40.29	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	819406	40.02	ng		96
17) 2-Methylphenol	7.17	107	545132	41.30	ng		97
18) Hexachloroethane	7.42	117	252455	39.32	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	371609	35.58	ng	#	92
20) 3+4-Methylphenols	7.32	107	525913	37.17	ng	#	84
22) Acetophenone	7.33	105	838678	36.69	ng	#	92
24) Nitrobenzene	7.50	77	711446	40.02	ng	#	84
25) Isophorone	7.74	82	1258992	39.13	ng		96
26) 2-Nitrophenol	7.81	139	335639	39.41	ng	#	75
27) 2,4-Dimethylphenol	7.85	122	607735	40.12	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	749458	38.96	ng		98
29) 2,4-Dichlorophenol	8.05	162	457925	37.27	ng		89
30) 1,2,4-Trichlorobenzene	8.14	180	535377	37.71	ng		94
31) Naphthalene	8.22	128	1778939	39.03	ng		99
32) Benzoic acid	7.99	122	431310	49.52	ng		97
33) 4-Chloroaniline	8.26	127	765149	39.02	ng		95
34) Hexachlorobutadiene	8.33	225	301150	40.57	ng		99
35) Caprolactam	8.65	113	162614	40.53	ng		93
36) 4-Chloro-3-methylphenol	8.74	107	503639	35.89	ng		99
37) 2-Methylnaphthalene	8.90	142	1011247	35.03	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	536001	42.31	ng		97
40) Hexachlorocyclopentadiene	9.06	237	262434	42.86	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085484.D
Acq On : 17 Mar 2016 1:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/17/2016 5:20:15 PM

Quant Time: Mar 17 03:10:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	340788	40.74	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	350421	41.47	ng		97
45) 1,1'-Biphenyl	9.37	154	1362382	40.98	ng		95
46) 2-Chloronaphthalene	9.40	162	995963	39.98	ng		94
47) 2-Nitroaniline	9.49	65	293851	38.96	ng		95
48) Acenaphthylene	9.81	152	1512776	37.54	ng		99
49) Dimethylphthalate	9.67	163	1246086	41.93	ng		98
50) 2,6-Dinitrotoluene	9.74	165	308284	46.96	ng	#	86
51) Acenaphthene	9.98	154	991278	39.13	ng		99
52) 3-Nitroaniline	9.91	138	338802	43.16	ng		85
53) 2,4-Dinitrophenol	10.01	184	146608	44.14	ng	#	33
54) Dibenzofuran	10.15	168	1183369	38.02	ng		98
55) 4-Nitrophenol	10.06	139	212183	39.27	ng	#	73
56) 2,4-Dinitrotoluene	10.14	165	355448	43.17	ng		96
57) Fluorene	10.49	166	914414	36.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	241696	41.65	ng		93
59) Diethylphthalate	10.37	149	1082216	37.62	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	486190	38.12	ng		92
61) 4-Nitroaniline	10.52	138	325446	44.09	ng		98
62) Azobenzene	10.64	77	1114322	39.01	ng		96
64) 4,6-Dinitro-2-methylphenol	10.55	198	208795	47.32	ng		93
65) n-Nitrosodiphenylamine	10.61	169	853966	37.52	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	295814	39.57	ng	#	88
67) Hexachlorobenzene	11.04	284	302635	39.23	ng	#	84
68) Atrazine	11.13	200	236100	36.25	ng		97
69) Pentachlorophenol	11.24	266	190419	46.57	ng		98
70) Phenanthrene	11.45	178	1388258	36.09	ng		99
71) Anthracene	11.51	178	1576918	40.24	ng		99
72) Carbazole	11.66	167	1220786	36.82	ng		99
73) Di-n-butylphthalate	11.99	149	1641931	39.97	ng		99
74) Fluoranthene	12.64	202	1363837	37.71	ng		98
76) Benzidine	12.76	184	556118	42.06	ng		100
77) Pyrene	12.87	202	1360436	42.61	ng		99
79) Butylbenzylphthalate	13.49	149	653841	46.84	ng	#	81
80) Benzo(a)anthracene	14.06	228	953256	39.06	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	338858	41.02	ng		98
82) Chrysene	14.09	228	900107	41.00	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	771760	45.32	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1123326	45.18	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	1136909	54.63	ng		97
87) Benzo(b)fluoranthene	15.09	252	967640	38.98	ng		100
88) Benzo(k)fluoranthene	15.12	252	666561m	34.28	ng		
89) Benzo(a)pyrene	15.45	252	827024	38.56	ng		99
90) Dibenzo(a,h)anthracene	16.97	278	932101	44.49	ng		96
91) Benzo(g,h,i)perylene	17.40	276	975561	45.59	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085484.D
Acq On : 17 Mar 2016 1:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 17 03:10:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/17/2016 5:20:15 PM