Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087386.D
Acq On : 25 May 2016 23:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/26/2016 6:37:53 PM

Quant Time: May 26 00:18:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	150683	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	604056	20.00	ng		0.00
38) Acenaphthene-d10	12.38	164	246114	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	407194	20.00	ng		0.00
75) Chrysene-d12	18.47	240	350364	20.00	ng		-0.01
86) Perylene-d12	20.14	264	260423	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	777446	90.66	ng		0.00
7) Phenol-d6	7.07	99	982866	84.82	ng		0.00
23) Nitrobenzene-d5	8.44	82	1002486	83.64	ng		0.00
41) 2,4,6-Tribromophenol	13.68	330	176585	74.66	ng		0.00
44) 2-Fluorobiphenyl	11.34	172	1415207	81.07	ng		0.00
78) Terphenyl-d14	17.13	244	1162186	70.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	166595	36.82	ng	#	71
3) Pyridine	2.41	79	402443	40.68	ng	#	67
4) n-Nitrosodimethylamine	2.38	42	342730	44.97	ng	#	45
6) Aniline	7.03	93	616929	41.16	ng		92
8) 2-Chlorophenol	7.20	128	438205	40.98	ng		87
9) Benzaldehyde	6.83	77	269129	42.07	ng		97
10) Phenol	7.10	94	513038	40.55	ng		85
11) bis(2-Chloroethyl)ether	7.16	93	410912	40.12	ng		85
12) 1,3-Dichlorobenzene	7.42	146	465668m	39.92	ng		
13) 1,4-Dichlorobenzene	7.55	146	481557	40.21	ng		96
14) 1,2-Dichlorobenzene	7.78	146	433570	39.14	ng		97
15) Benzyl Alcohol	7.82	79	373200	44.18	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.01	45	899522	39.04	ng		85
17) 2-Methylphenol	8.03	107	349635	40.80	ng	#	86
18) Hexachloroethane	8.30	117	133418	29.87	ng		97
19) n-Nitroso-di-n-propylamine	8.25	70	344590	39.88	ng	#	71
20) 3+4-Methylphenols	8.30	107	458258	44.23	ng	#	60
22) Acetophenone	8.22	105	615111	42.62	ng	#	97
24) Nitrobenzene	8.47	77	520637	41.15	ng		96
25) Isophorone	8.87	82	871163	40.53	ng	#	98
26) 2-Nitrophenol	8.97	139	188134	36.38	ng	#	68
27) 2,4-Dimethylphenol	9.12	122	373161	41.57	ng		87
28) bis(2-Chloroethoxy)methane	9.24	93	481673	39.78	ng	#	98
29) 2,4-Dichlorophenol	9.39	162	331768	41.01	ng		97
30) 1,2,4-Trichlorobenzene	9.48	180	369054	39.85	ng		99
31) Naphthalene	9.59	128	1170186	38.66	ng		99
32) Benzoic acid	9.43	122	167023m	37.57	ng		
33) 4-Chloroaniline	9.72	127	441250	39.58	ng	#	88
34) Hexachlorobutadiene	9.80	225	213959	38.00	ng		99
35) Caprolactam	10.38	113	101728	43.08	ng	#	55
36) 4-Chloro-3-methylphenol	10.59	107	370235	40.48	ng		95
37) 2-Methylnaphthalene	10.71	142	717621	37.95	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	323815	41.10	ng		99
40) Hexachlorocyclopentadiene	10.96	237	2535	10.15	ng		84

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087386.D
Acq On : 25 May 2016 23:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/26/2016 6:37:53 PM

Quant Time: May 26 00:18:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	204056	44.87	ng		94
43) 2,4,5-Trichlorophenol	11.29	196	202285	43.68	ng	#	92
45) 1,1'-Biphenyl	11.48	154	866381	41.81	ng		97
46) 2-Chloronaphthalene	11.50	162	640475	40.40	ng		93
47) 2-Nitroaniline	11.71	65	273227	47.84	ng	#	80
48) Acenaphthylene	12.15	152	1014201	40.41	ng		99
49) Dimethylphthalate	12.03	163	833518	42.28	ng		100
50) 2,6-Dinitrotoluene	12.13	165	151157	38.05	ng	#	77
51) Acenaphthene	12.43	154	602329	39.05	ng		98
52) 3-Nitroaniline	12.39	138	180679	44.31	ng	#	77
53) 2,4-Dinitrophenol	12.62	184	9832	10.99	ng	#	83
54) Dibenzofuran	12.72	168	797809	38.20	ng		95
55) 4-Nitrophenol	12.78	139	87464	44.97	ng	#	53
56) 2,4-Dinitrotoluene	12.79	165	192306	36.22	ng		91
57) Fluorene	13.27	166	689385	38.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.96	232	136090	38.20	ng		97
59) Diethylphthalate	13.19	149	784435	40.92	ng		96
60) 4-Chlorophenyl-phenylether	13.30	204	335172	37.95	ng		95
61) 4-Nitroaniline	13.39	138	168259	44.22	ng	#	71
62) Azobenzene	13.55	77	782362	39.34	ng		84
64) 4,6-Dinitro-2-methylphenol	13.45	198	22054	8.52	ng	#	56
65) n-Nitrosodiphenylamine	13.52	169	583785	44.33	ng		99
66) 4-Bromophenyl-phenylether	14.09	248	184502	41.42	ng		91
67) Hexachlorobenzene	14.16	284	187461	40.24	ng	#	82
68) Atrazine	14.43	200	136421	32.50	ng		93
69) Pentachlorophenol	14.51	266	86739	61.46	ng		98
70) Phenanthrene	14.82	178	912420	40.45	ng		99
71) Anthracene	14.90	178	920105	40.38	ng		99
72) Carbazole	15.19	167	788518	40.58	ng		99
73) Di-n-butylphthalate	15.77	149	1019405	40.56	ng	#	99
74) Fluoranthene	16.57	202	905366	40.03	ng		97
76) Benzidine	16.81	184	442982	49.14	ng		96
77) Pyrene	16.88	202	934058	37.04	ng		100
79) Butylbenzylphthalate	17.79	149	425573	38.05	ng	#	73
80) Benzo(a)anthracene	18.46	228	798540	40.07	ng		99
81) 3,3'-Dichlorobenzidine	18.46	252	537452	48.82	ng	#	94
82) Chrysene	18.50	228	788361	39.86	ng		99
83) Bis(2-ethylhexyl)phthalate	18.54	149	606193	37.14	ng	#	95
84) Di-n-octyl phthalate	19.31	149	1033198	41.51	ng	#	84
85) Indeno(1,2,3-cd)pyrene	21.36	276	539195	34.01	ng		93
87) Benzo(b)fluoranthene	19.73	252	712580	42.96	ng		99
88) Benzo(k)fluoranthene	19.76	252	546088m	38.25	ng		
89) Benzo(a)pyrene	20.08	252	555464	38.72	ng		99
90) Dibenzo(a,h)anthracene	21.37	278	455993	37.26	ng	#	91
91) Benzo(g,h,i)perylene	21.71	276	426892	35.36	ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087386.D
Acq On : 25 May 2016 23:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 00:18:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/26/2016 6:37:53 PM