Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087584.D
Acq On : 31 May 2016 16:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/1/2016 6:34:10 PM

Quant Time: Jun 01 11:27:11 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	7.45	152	160653	20.00	ng		-0.07
21) Naphthalene-d8	9.47	136	647800	20.00	ng		-0.08
38) Acenaphthene-d10	12.31	164	310348	20.00	ng		-0.08
63) Phenanthrene-d10	14.71	188	569625	20.00	ng		-0.07
75) Chrysene-d12	18.42	240	465895	20.00	ng		-0.06
86) Perylene-d12	20.11	264	326385	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	770148	84.24	ng		-0.07
7) Phenol-d6	7.02	99	983896	79.64	ng		-0.06
23) Nitrobenzene-d5	8.38	82	1035737	80.58	ng		-0.07
41) 2,4,6-Tribromophenol	13.61	330	233995	78.46	ng		-0.07
44) 2-Fluorobiphenyl	11.26	172	1585346	72.02	ng		-0.08
78) Terphenyl-d14	17.06	244	1618161	73.84	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	174780	36.23	ng	#	77
3) Pyridine	2.32	79	373040m	35.37	ng		
4) n-Nitrosodimethylamine	2.31	42	338177	41.61	ng	#	48
6) Aniline	6.96	93	649096	40.62	ng		93
8) 2-Chlorophenol	7.13	128	451197	39.57	ng		89
9) Benzaldehyde	6.78	77	257754	37.79	ng		98
10) Phenol	7.04	94	540712	40.08	ng		83
11) bis(2-Chloroethyl)ether	7.10	93	422594	38.70	ng		88
12) 1,3-Dichlorobenzene	7.34	146	471580	37.92	ng	#	91
13) 1,4-Dichlorobenzene	7.47	146	490382	38.41	ng		96
14) 1,2-Dichlorobenzene	7.70	146	465247	39.40	ng		98
15) Benzyl Alcohol	7.76	79	375399	41.68	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.93	45	909396	37.02	ng		87
17) 2-Methylphenol	7.98	107	346749	37.95	ng	#	89
18) Hexachloroethane	8.22	117	189251	39.73	ng	#	85
19) n-Nitroso-di-n-propylamine	8.18	70	357008	38.75	ng	#	72
20) 3+4-Methylphenols	8.24	107	476893	43.17	ng	#	58
22) Acetophenone	8.15	105	632983	40.90	ng	#	98
24) Nitrobenzene	8.40	77	548451	40.42	ng		94
25) Isophorone	8.80	82	914431	39.67	ng		99
26) 2-Nitrophenol	8.91	139	230599	41.58	ng	#	82
27) 2,4-Dimethylphenol	9.06	122	384038	39.89	ng		90
28) bis(2-Chloroethoxy)methane	9.18	93	514751	39.64	ng		99
29) 2,4-Dichlorophenol	9.34	162	363618	41.91	ng		97
30) 1,2,4-Trichlorobenzene	9.40	180	386859	38.95	ng		96
31) Naphthalene	9.51	128	1271076	39.16	ng		99
32) Benzoic acid	9.45	122	192014	39.85	ng	#	77
33) 4-Chloroaniline	9.68	127	498636	41.71	ng	#	94
34) Hexachlorobutadiene	9.71	225	234568	38.85	ng		98
35) Caprolactam	10.34	113	107926m	42.62	ng		
36) 4-Chloro-3-methylphenol	10.55	107	428365	43.67	ng		93
37) 2-Methylnaphthalene	10.64	142	814902	40.18	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	378135	38.06	ng		99
40) Hexachlorocyclopentadiene	10.88	237	73137	25.23	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087584.D
Acq On : 31 May 2016 16:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/1/2016 6:34:10 PM

Quant Time: Jun 01 11:27:11 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	11.15	196	222202	38.75	ng		93
43) 2,4,5-Trichlorophenol	11.24	196	202197	34.63	ng	#	86
45) 1,1'-Biphenyl	11.40	154	987051	37.78	ng		97
46) 2-Chloronaphthalene	11.43	162	775942	38.82	ng		97
47) 2-Nitroaniline	11.66	65	308810	42.88	ng	#	78
48) Acenaphthylene	12.08	152	1189528	37.59	ng		99
49) Dimethylphthalate	11.97	163	941071	37.85	ng		99
50) 2,6-Dinitrotoluene	12.07	165	191451	38.22	ng	#	63
51) Acenaphthene	12.35	154	732746	37.67	ng		98
52) 3-Nitroaniline	12.34	138	214086	41.64	ng		81
53) 2,4-Dinitrophenol	12.57	184	87621	37.93	ng	#	82
54) Dibenzofuran	12.65	168	1025051	38.92	ng		97
55) 4-Nitrophenol	12.78	139	85433m	34.84	ng		
56) 2,4-Dinitrotoluene	12.73	165	286661	42.82	ng	#	83
57) Fluorene	13.20	166	861036	37.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	163521	36.40	ng		98
59) Diethylphthalate	13.11	149	940435	38.91	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	405567	36.42	ng		98
61) 4-Nitroaniline	13.36	138	190242	39.65	ng	#	66
62) Azobenzene	13.49	77	1066305	42.52	ng		87
64) 4,6-Dinitro-2-methylphenol	13.41	198	138655	38.28	ng	#	73
65) n-Nitrosodiphenylamine	13.44	169	728307	39.54	ng		98
66) 4-Bromophenyl-phenylether	14.01	248	243829	39.13	ng		93
67) Hexachlorobenzene	14.08	284	259040	39.74	ng	#	67
68) Atrazine	14.37	200	142488	24.27	ng		94
69) Pentachlorophenol	14.47	266	55740	31.57	ng		97
70) Phenanthrene	14.75	178	1269040	40.22	ng		99
71) Anthracene	14.83	178	1313520	41.21	ng		100
72) Carbazole	15.13	167	1126229	41.43	ng		99
73) Di-n-butylphthalate	15.70	149	1415684	40.27	ng		99
74) Fluoranthene	16.51	202	1331616	42.09	ng		97
76) Benzidine	16.75	184	516130	43.05	ng		97
77) Pyrene	16.82	202	1320610	39.38	ng		100
79) Butylbenzylphthalate	17.73	149	582964	39.20	ng	#	76
80) Benzo(a)anthracene	18.41	228	1030475	38.88	ng		99
81) 3,3'-Dichlorobenzidine	18.39	252	599200	40.93	ng		99
82) Chrysene	18.46	228	1000102	38.03	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	785758	36.21	ng		98
84) Di-n-octyl phthalate	19.23	149	1220676	36.88	ng	#	83
85) Indeno(1,2,3-cd)pyrene	21.31	276	735944	34.91	ng	#	93
87) Benzo(b)fluoranthene	19.69	252	705546m	33.94	ng		
88) Benzo(k)fluoranthene	19.73	252	912261m	50.98	ng		
89) Benzo(a)pyrene	20.05	252	704469	39.18	ng		99
90) Dibenzo(a,h)anthracene	21.31	278	619544	40.40	ng		94
91) Benzo(g,h,i)perylene	21.68	276	570816	37.72	ng	#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087584.D
Acq On : 31 May 2016 16:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 01 11:27:11 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
6/1/2016 6:34:10 PM