Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084026.D
Acq On : 23 Dec 2015 8:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
12/23/2015 4:32:35 PM

Quant Time: Dec 23 10:22:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45608	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	179446	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	90036	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	174248	20.00	ng		0.00
75) Chrysene-d12	14.00	240	156874	20.00	ng		0.00
86) Perylene-d12	15.43	264	118764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	212804	79.56	ng		0.00
7) Phenol-d6	6.48	99	248049	78.87	ng		0.00
23) Nitrobenzene-d5	7.40	82	246513	84.39	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	76334	88.14	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	543600	81.26	ng		0.00
78) Terphenyl-d14	12.93	244	501192	76.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	44118	34.64	ng		99
3) Pyridine	3.12	79	114903	39.64	ng		96
4) n-Nitrosodimethylamine	3.06	42	48745	45.24	ng		94
6) Aniline	6.49	93	170743	39.23	ng	#	64
8) 2-Chlorophenol	6.62	128	124852	40.53	ng		85
9) Benzaldehyde	6.37	77	83535	39.77	ng		97
10) Phenol	6.49	94	140087	38.50	ng	#	58
11) bis(2-Chloroethyl)ether	6.57	93	110715	39.82	ng		100
12) 1,3-Dichlorobenzene	6.77	146	142529	41.65	ng		99
13) 1,4-Dichlorobenzene	6.84	146	138975	41.59	ng		97
14) 1,2-Dichlorobenzene	7.00	146	139787	43.76	ng		98
15) Benzyl Alcohol	6.98	79	112089	45.26	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	109925	40.95	ng		92
17) 2-Methylphenol	7.09	107	96840	39.47	ng		95
18) Hexachloroethane	7.34	117	52274	42.65	ng		92
19) n-Nitroso-di-n-propylamine	7.25	70	81419	42.72	ng		99
20) 3+4-Methylphenols	7.25	107	127403	42.08	ng	#	58
22) Acetophenone	7.24	105	171097	40.64	ng	#	93
24) Nitrobenzene	7.41	77	124690	41.42	ng		98
25) Isophorone	7.65	82	221291	39.98	ng		100
26) 2-Nitrophenol	7.73	139	69190	42.71	ng		90
27) 2,4-Dimethylphenol	7.78	122	120025	42.50	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	145594	42.47	ng		99
29) 2,4-Dichlorophenol	7.98	162	105846	41.95	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	106463	40.45	ng	#	95
31) Naphthalene	8.13	128	356857	38.93	ng		99
32) Benzoic acid	7.92	122	50806	40.00	ng		94
33) 4-Chloroaniline	8.19	127	164615	43.91	ng	#	92
34) Hexachlorobutadiene	8.26	225	66848	42.50	ng		99
35) Caprolactam	8.57	113	32953	43.47	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	121825	45.14	ng		95
37) 2-Methylnaphthalene	8.83	142	268007	45.14	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	116901	43.19	ng		98
40) Hexachlorocyclopentadiene	8.99	237	22612	33.88	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084026.D
Acq On : 23 Dec 2015 8:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
12/23/2015 4:32:35 PM

Quant Time: Dec 23 10:22:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	70954	43.53	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	74078	43.67	ng		95
45) 1,1'-Biphenyl	9.30	154	321746	40.42	ng		96
46) 2-Chloronaphthalene	9.32	162	244719	42.71	ng		95
47) 2-Nitroaniline	9.41	65	59932	38.37	ng		87
48) Acenaphthylene	9.73	152	380077	41.89	ng		99
49) Dimethylphthalate	9.60	163	278323	39.50	ng	#	90
50) 2,6-Dinitrotoluene	9.66	165	60923	40.97	ng	#	85
51) Acenaphthene	9.90	154	222462	41.23	ng		99
52) 3-Nitroaniline	9.82	138	62942	39.86	ng		96
53) 2,4-Dinitrophenol	9.94	184	24019	41.98	ng	#	74
54) Dibenzofuran	10.08	168	334605	41.43	ng		93
55) 4-Nitrophenol	10.01	139	41752	44.99	ng		97
56) 2,4-Dinitrotoluene	10.06	165	84226	45.06	ng		97
57) Fluorene	10.42	166	277273	43.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	63104	47.18	ng		93
59) Diethylphthalate	10.29	149	288272	41.63	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	116363	39.69	ng	#	84
61) 4-Nitroaniline	10.44	138	64586	39.97	ng		96
62) Azobenzene	10.57	77	263523	43.11	ng		90
64) 4,6-Dinitro-2-methylphenol	10.48	198	40391	39.65	ng		85
65) n-Nitrosodiphenylamine	10.53	169	252240	39.19	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	80147	40.11	ng	#	78
67) Hexachlorobenzene	10.97	284	80331	36.83	ng	#	74
68) Atrazine	11.06	200	76162	39.15	ng		99
69) Pentachlorophenol	11.17	266	28956	40.05	ng		96
70) Phenanthrene	11.38	178	391535	39.76	ng		98
71) Anthracene	11.44	178	394603	39.45	ng		98
72) Carbazole	11.58	167	356596	38.13	ng		99
73) Di-n-butylphthalate	11.92	149	463624	39.93	ng	#	98
74) Fluoranthene	12.57	202	425311	43.55	ng		97
76) Benzidine	12.68	184	205879	36.80	ng		99
77) Pyrene	12.80	202	428782	40.29	ng		99
79) Butylbenzylphthalate	13.41	149	223842	45.73	ng		85
80) Benzo(a)anthracene	13.99	228	370161	40.92	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	126176	37.09	ng	#	96
82) Chrysene	14.02	228	310271	36.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	302069	44.50	ng	#	97
84) Di-n-octyl phthalate	14.58	149	484746	46.44	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	277778	39.99	ng		99
87) Benzo(b)fluoranthene	15.01	252	300459m	40.13	ng		
88) Benzo(k)fluoranthene	15.05	252	315123m	44.25	ng		
89) Benzo(a)pyrene	15.37	252	289367	41.73	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	234880	40.87	ng	#	94
91) Benzo(g,h,i)perylene	17.25	276	223130	38.39	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084026.D
Acq On : 23 Dec 2015 8:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 23 10:22:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
12/23/2015 4:32:35 PM