Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084899.D
Acq On : 6 Feb 2016 9:27
Operator : SJ/IZ
Sample : H1329-08MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B009(5-7)MS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:03:31 PM

Quant Time: Feb 08 02:26:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171593	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	701232	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	304956	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	510659	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	315139	20.00	ng		-0.02
86) Perylene-d12	15.17	264	330867	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1337372	121.40	ng		-0.01
7) Phenol-d6	6.33	99	1684792	123.36	ng		-0.01
23) Nitrobenzene-d5	7.24	82	1071273	86.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	327366	102.91	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1682297	97.87	ng		-0.02
78) Terphenyl-d14	12.76	244	1150283	82.71	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	171340	35.51	ng	#	76
3) Pyridine	2.85	79	526608	41.88	ng	#	74
4) n-Nitrosodimethylamine	2.82	42	275272	42.33	ng		86
6) Aniline	6.33	93	271601	16.25	ng	#	38
8) 2-Chlorophenol	6.45	128	550146	44.12	ng		96
9) Benzaldehyde	6.20	77	195955	24.30	ng		98
10) Phenol	6.34	94	732762	47.89	ng		86
11) bis(2-Chloroethyl)ether	6.41	93	482422m	40.44	ng		
12) 1,3-Dichlorobenzene	6.60	146	542163m	41.15	ng		
13) 1,4-Dichlorobenzene	6.68	146	565426	42.93	ng		94
14) 1,2-Dichlorobenzene	6.83	146	468647	38.20	ng		95
15) Benzyl Alcohol	6.82	79	402621	42.69	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	792082	39.47	ng		92
17) 2-Methylphenol	6.94	107	434964	44.11	ng	#	91
18) Hexachloroethane	7.17	117	212072	41.81	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	345141	40.32	ng	#	74
20) 3+4-Methylphenols	7.10	107	543172	44.37	ng		91
22) Acetophenone	7.08	105	727991	39.39	ng	#	98
24) Nitrobenzene	7.25	77	492250	36.93	ng		96
25) Isophorone	7.49	82	973944	40.24	ng		96
26) 2-Nitrophenol	7.57	139	296667	45.12	ng	#	89
27) 2,4-Dimethylphenol	7.63	122	445659	38.97	ng		87
28) bis(2-Chloroethoxy)methane	7.71	93	592905	41.29	ng		99
29) 2,4-Dichlorophenol	7.82	162	421218	43.05	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	424679	38.43	ng		97
31) Naphthalene	7.97	128	1465911	41.68	ng		99
33) 4-Chloroaniline	8.03	127	117574	8.08	ng		94
34) Hexachlorobutadiene	8.10	225	253701	39.81	ng		97
35) Caprolactam	8.41	113	131575m	43.63	ng		
36) 4-Chloro-3-methylphenol	8.53	107	478795	42.89	ng		98
37) 2-Methylnaphthalene	8.66	142	936840	42.56	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	394531	40.74	ng		99
40) Hexachlorocyclopentadiene	8.82	237	227117	59.44	ng		98
42) 2,4,6-Trichlorophenol	8.94	196	262008	41.99	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084899.D
Acq On : 6 Feb 2016 9:27
Operator : SJ/IZ
Sample : H1329-08MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:03:31 PM

Quant Time: Feb 08 02:26:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	260593	41.10	ng	#	81
45) 1,1'-Biphenyl	9.13	154	1037255	38.08	ng		99
46) 2-Chloronaphthalene	9.15	162	820846	40.92	ng		94
47) 2-Nitroaniline	9.25	65	268448	42.27	ng		96
48) Acenaphthylene	9.56	152	1184975	38.93	ng		98
49) Dimethylphthalate	9.45	163	1288091	55.46	ng	#	91
50) 2,6-Dinitrotoluene	9.50	165	242186	47.73	ng		98
51) Acenaphthene	9.73	154	759691	38.36	ng		98
52) 3-Nitroaniline	9.66	138	139986	24.55	ng	#	89
53) 2,4-Dinitrophenol	9.78	184	39214	21.33	ng		90
54) Dibenzofuran	9.90	168	990788	40.94	ng		92
55) 4-Nitrophenol	9.85	139	239843	57.24	ng	#	75
56) 2,4-Dinitrotoluene	9.90	165	289638	44.75	ng	#	89
57) Fluorene	10.25	166	814265	40.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	219316	45.44	ng		93
59) Diethylphthalate	10.13	149	898904	39.63	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	417564	49.98	ng		92
61) 4-Nitroaniline	10.28	138	219784	39.56	ng		87
62) Azobenzene	10.41	77	987597	45.29	ng		93
64) 4,6-Dinitro-2-methylphenol	10.30	198	73039	23.17	ng	#	41
65) n-Nitrosodiphenylamine	10.36	169	737571	45.49	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	236853	41.99	ng	#	73
67) Hexachlorobenzene	10.80	284	284779	46.34	ng	#	90
68) Atrazine	10.90	200	243039	47.46	ng		96
69) Pentachlorophenol	10.99	266	221755	76.78	ng		97
70) Phenanthrene	11.21	178	1270557	44.86	ng		98
71) Anthracene	11.25	178	1129489	39.58	ng		98
72) Carbazole	11.41	167	1000439	40.20	ng		99
73) Di-n-butylphthalate	11.76	149	1414531	44.65	ng	#	97
74) Fluoranthene	12.39	202	1123700	39.20	ng		97
76) Benzidine	12.51	184	416448	37.37	ng		98
77) Pyrene	12.61	202	1163888	48.24	ng		100
79) Butylbenzylphthalate	13.24	149	492008	44.95	ng		94
80) Benzo(a)anthracene	13.80	228	882985	45.14	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	185942	26.85	ng	#	96
82) Chrysene	13.84	228	852129	44.93	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	642535	47.17	ng	#	99
84) Di-n-octyl phthalate	14.42	149	1123334	49.99	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.45	276	793940	53.18	ng		99
87) Benzo(b)fluoranthene	14.81	252	1038538m	46.72	ng		
88) Benzo(k)fluoranthene	14.83	252	571753m	31.11	ng		
89) Benzo(a)pyrene	15.13	252	790720	41.74	ng		98
90) Dibenzo(a,h)anthracene	16.47	278	660952	41.45	ng		98
91) Benzo(g,h,i)perylene	16.83	276	650134	40.48	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084899.D
Acq On : 6 Feb 2016 9:27
Operator : SJ/IZ
Sample : H1329-08MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Feb 08 02:26:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:03:31 PM