Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084954.D
Acq On : 9 Feb 2016 16:14
Operator : SJ/IZ
Sample : PB88264BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Manual Integrations APPROVED
Sohil
2/10/2016 1:44:58 PM

Quant Time: Feb 10 04:00:11 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	6.64	152	161723	20.00	ng		-0.05
21) Naphthalene-d8	7.93	136	653732	20.00	ng		-0.05
38) Acenaphthene-d10	9.68	164	309633	20.00	ng		-0.06
63) Phenanthrene-d10	11.15	188	589057	20.00	ng		-0.06
75) Chrysene-d12	13.78	240	434960	20.00	ng		-0.06
86) Perylene-d12	15.14	264	331598	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1166810	112.38	ng		-0.05
7) Phenol-d6	6.29	99	1455583	113.08	ng		-0.05
23) Nitrobenzene-d5	7.21	82	883138	76.10	ng		-0.06
41) 2,4,6-Tribromophenol	10.46	330	403058	124.80	ng		-0.06
44) 2-Fluorobiphenyl	9.00	172	1543955	83.45	ng		-0.06
78) Terphenyl-d14	12.74	244	1689669	88.03	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	146228	32.15	ng	#	76
3) Pyridine	2.83	79	439778	37.11	ng	#	75
4) n-Nitrosodimethylamine	2.78	42	238399	38.90	ng		80
6) Aniline	6.30	93	285791	18.14	ng	#	1
8) 2-Chlorophenol	6.42	128	443982	37.78	ng		88
9) Benzaldehyde	6.18	77	126937	16.70	ng		88
10) Phenol	6.30	94	455830	31.61	ng		85
11) bis(2-Chloroethyl)ether	6.38	93	470253m	41.82	ng		
12) 1,3-Dichlorobenzene	6.57	146	452396m	36.43	ng		
13) 1,4-Dichlorobenzene	6.65	146	455896	36.73	ng		97
14) 1,2-Dichlorobenzene	6.81	146	462223	39.98	ng		97
15) Benzyl Alcohol	6.80	79	408689	45.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.92	45	719334	38.03	ng		63
17) 2-Methylphenol	6.92	107	377869	40.65	ng	#	90
18) Hexachloroethane	7.15	117	185635	38.83	ng	#	83
19) n-Nitroso-di-n-propylamine	7.07	70	331363	41.07	ng	#	82
20) 3+4-Methylphenols	7.07	107	467027	40.48	ng	#	86
22) Acetophenone	7.06	105	658009	38.19	ng	#	98
24) Nitrobenzene	7.23	77	516417	41.56	ng		93
25) Isophorone	7.47	82	879384	38.97	ng		98
26) 2-Nitrophenol	7.55	139	247939	40.45	ng		89
27) 2,4-Dimethylphenol	7.60	122	402039	37.71	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	551210	41.17	ng		99
29) 2,4-Dichlorophenol	7.79	162	378549	41.50	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	420749	40.84	ng	#	96
31) Naphthalene	7.94	128	1262365	38.50	ng		99
32) Benzoic acid	7.74	122	269949	39.59	ng		95
33) 4-Chloroaniline	8.01	127	146671	10.81	ng	#	90
34) Hexachlorobutadiene	8.06	225	224513	37.79	ng		99
35) Caprolactam	8.38	113	126132m	44.86	ng		
36) 4-Chloro-3-methylphenol	8.50	107	432103	41.52	ng		94
37) 2-Methylnaphthalene	8.64	142	881019	42.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	366975	37.32	ng		99
40) Hexachlorocyclopentadiene	8.78	237	327358	76.70	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084954.D
Acq On : 9 Feb 2016 16:14
Operator : SJ/IZ
Sample : PB88264BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88264BS

Manual Integrations APPROVED
Sohil
2/10/2016 1:44:58 PM

Quant Time: Feb 10 04:00:11 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)
42) 2,4,6-Trichlorophenol	8.92	196	260412	41.11	ng		94
43) 2,4,5-Trichlorophenol	8.97	196	266853	41.46	ng	#	93
45) 1,1'-Biphenyl	9.10	154	1121400	40.55	ng		96
46) 2-Chloronaphthalene	9.13	162	811218	39.83	ng	#	86
47) 2-Nitroaniline	9.23	65	288882	44.80	ng	#	78
48) Acenaphthylene	9.54	152	1270597	41.11	ng		99
49) Dimethylphthalate	9.41	163	921991	39.10	ng	#	90
50) 2,6-Dinitrotoluene	9.47	165	190208	36.92	ng	#	50
51) Acenaphthene	9.71	154	791126	39.34	ng		97
52) 3-Nitroaniline	9.64	138	103004	17.79	ng	#	71
53) 2,4-Dinitrophenol	9.76	184	199968	83.80	ng		86
54) Dibenzofuran	9.88	168	1130902	46.02	ng		98
55) 4-Nitrophenol	9.82	139	291566	68.53	ng	#	78
56) 2,4-Dinitrotoluene	9.88	165	275482	41.92	ng	#	86
57) Fluorene	10.22	166	864031	42.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	218222	44.53	ng		88
59) Diethylphthalate	10.11	149	947864	41.16	ng		100
60) 4-Chlorophenyl-phenylether	10.21	204	367803	42.21	ng		94
61) 4-Nitroaniline	10.26	138	232294	41.18	ng	#	76
62) Azobenzene	10.37	77	983929	44.44	ng		90
64) 4,6-Dinitro-2-methylphenol	10.28	198	139113	38.26	ng	#	61
65) n-Nitrosodiphenylamine	10.34	169	813098	43.47	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	280385	43.10	ng		95
67) Hexachlorobenzene	10.76	284	272713	38.47	ng	#	87
68) Atrazine	10.88	200	287382	48.65	ng		96
69) Pentachlorophenol	10.97	266	237268	71.22	ng		100
70) Phenanthrene	11.17	178	1291962	39.54	ng		97
71) Anthracene	11.23	178	1399005	42.50	ng		100
72) Carbazole	11.39	167	1254206	43.69	ng		98
73) Di-n-butylphthalate	11.72	149	1392053	38.09	ng	#	97
74) Fluoranthene	12.35	202	1271682	38.46	ng		98
76) Benzidine	12.49	184	350939	23.74	ng		96
77) Pyrene	12.58	202	1291921	38.79	ng		99
79) Butylbenzylphthalate	13.22	149	623831	41.29	ng	#	82
80) Benzo(a)anthracene	13.77	228	1155590	42.81	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	159531	16.69	ng	#	97
82) Chrysene	13.80	228	857750	32.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	772687	41.10	ng	#	96
84) Di-n-octyl phthalate	14.39	149	1169891	37.72	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.40	276	804639	39.05	ng		99
87) Benzo(b)fluoranthene	14.77	252	1061585m	47.65	ng		
88) Benzo(k)fluoranthene	14.80	252	678295m	36.82	ng		
89) Benzo(a)pyrene	15.08	252	770132	40.57	ng	#	96
90) Dibenzo(a,h)anthracene	16.41	278	667822	41.79	ng	#	95
91) Benzo(g,h,i)perylene	16.77	276	696937	43.30	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084954.D
Acq On : 9 Feb 2016 16:14
Operator : SJ/IZ
Sample : PB88264BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 10 04:00:11 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 :
PB88264BS

Manual Integrations APPROVED
Sohil
2/10/2016 1:44:58 PM