Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082810.D
Acq On : 7 Nov 2015 15:00
Operator : UM/IZ
Sample : G4246-02MS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14CMS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:30 PM

Quant Time: Nov 09 01:17:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	190481	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	936505	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	406240	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	671538	20.00	ng		0.00
75) Chrysene-d12	14.02	240	474392	20.00	ng		0.00
86) Perylene-d12	15.44	264	400883	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1364942	111.49	ng		0.02
7) Phenol-d6	6.50	99	1982013	121.78	ng		0.02
23) Nitrobenzene-d5	7.42	82	1347093	62.59	ng		0.01
41) 2,4,6-Tribromophenol	10.68	330	423227	90.86	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1851677	65.33	ng		0.00
78) Terphenyl-d14	12.97	244	1381287	69.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	224056	42.42	ng		97
3) Pyridine	3.23	79	556325	36.30	ng		97
4) n-Nitrosodimethylamine	3.17	42	330199	43.43	ng	#	80
6) Aniline	6.52	93	373503	16.35	ng	#	50
8) 2-Chlorophenol	6.65	128	570600	42.05	ng		98
9) Benzaldehyde	6.40	77	194822	21.67	ng		82
10) Phenol	6.51	94	599762	32.48	ng	#	78
11) bis(2-Chloroethyl)ether	6.59	93	564448	40.87	ng		92
12) 1,3-Dichlorobenzene	6.80	146	595317m	38.89	ng		
13) 1,4-Dichlorobenzene	6.88	146	584255m	36.69	ng		
14) 1,2-Dichlorobenzene	7.02	146	527881	36.45	ng		96
15) Benzyl Alcohol	7.00	79	552776	38.68	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	811247	40.05	ng		95
17) 2-Methylphenol	7.13	107	452827	39.39	ng		96
18) Hexachloroethane	7.37	117	188507	33.10	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	409546	34.23	ng		90
20) 3+4-Methylphenols	7.28	107	587377	39.30	ng	#	69
22) Acetophenone	7.26	105	783350	29.19	ng	#	95
24) Nitrobenzene	7.44	77	602387	27.37	ng		89
25) Isophorone	7.68	82	1160203	29.13	ng		98
26) 2-Nitrophenol	7.76	139	273319	29.75	ng	#	75
27) 2,4-Dimethylphenol	7.80	122	450962	27.32	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	692617	30.83	ng		99
29) 2,4-Dichlorophenol	8.01	162	480948	32.24	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	620452	36.98	ng		96
31) Naphthalene	8.17	128	1944710	37.64	ng		99
32) Benzoic acid	7.89	122	99779	8.83	ng		93
33) 4-Chloroaniline	8.21	127	220240	9.89	ng	#	83
34) Hexachlorobutadiene	8.29	225	349663	33.30	ng		97
35) Caprolactam	8.58	113	190916	40.59	ng	#	79
36) 4-Chloro-3-methylphenol	8.70	107	594350	33.88	ng		90
37) 2-Methylnaphthalene	8.85	142	1112113	33.27	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	561374	42.05	ng		97
40) Hexachlorocyclopentadiene	9.01	237	175994	24.54	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082810.D
Acq On : 7 Nov 2015 15:00
Operator : UM/IZ
Sample : G4246-02MS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14CMS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:30 PM

Quant Time: Nov 09 01:17:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	426509	42.80	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	389325m	39.50	ng		
45) 1,1'-Biphenyl	9.32	154	1441289	41.35	ng		98
46) 2-Chloronaphthalene	9.34	162	1134077	41.71	ng		99
47) 2-Nitroaniline	9.44	65	418685	41.51	ng	#	79
48) Acenaphthylene	9.76	152	1611963	37.83	ng		100
49) Dimethylphthalate	9.63	163	2019783	60.68	ng	#	97
50) 2,6-Dinitrotoluene	9.68	165	264911	37.30	ng		92
51) Acenaphthene	9.93	154	925555	34.27	ng		99
52) 3-Nitroaniline	9.85	138	212304	27.18	ng	#	69
53) 2,4-Dinitrophenol	9.95	184	47931	12.29	ng	#	8
54) Dibenzofuran	10.10	168	1382473	37.97	ng		94
55) 4-Nitrophenol	10.02	139	447018	74.60	ng		85
56) 2,4-Dinitrotoluene	10.08	165	352047	36.54	ng		94
57) Fluorene	10.44	166	988298	33.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	311326	38.70	ng	#	87
59) Diethylphthalate	10.33	149	1257800	38.70	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	523681	35.49	ng		92
61) 4-Nitroaniline	10.45	138	225355	28.69	ng	#	78
62) Azobenzene	10.59	77	1319825	37.81	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	60903	12.73	ng		93
65) n-Nitrosodiphenylamine	10.56	169	991270	40.86	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	300444	37.16	ng	#	71
67) Hexachlorobenzene	10.99	284	316965	35.11	ng	#	89
68) Atrazine	11.08	200	274272	36.56	ng		96
69) Pentachlorophenol	11.18	266	337376	61.53	ng		99
70) Phenanthrene	11.40	178	1448742	37.15	ng		100
71) Anthracene	11.46	178	1491048	36.30	ng		97
72) Carbazole	11.61	167	1303269	36.24	ng		98
73) Di-n-butylphthalate	11.95	149	1663477	37.13	ng	#	97
74) Fluoranthene	12.59	202	1505922	35.99	ng		99
76) Benzidine	12.71	184	516396	32.48	ng		99
77) Pyrene	12.82	202	1494925	45.89	ng		98
79) Butylbenzylphthalate	13.44	149	594068	41.28	ng		94
80) Benzo(a)anthracene	14.01	228	1218129	41.06	ng		97
81) 3,3'-Dichlorobenzidine	13.96	252	372106	35.28	ng		98
82) Chrysene	14.04	228	1172429	43.15	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	785716	39.89	ng		99
84) Di-n-octyl phthalate	14.61	149	1171826	35.66	ng		97
85) Indeno(1,2,3-cd)pyrene	16.84	276	756202	32.32	ng		99
87) Benzo(b)fluoranthene	15.04	252	967703m	37.61	ng		
88) Benzo(k)fluoranthene	15.07	252	918487m	40.24	ng		
89) Benzo(a)pyrene	15.39	252	918724	41.21	ng	#	98
90) Dibenzo(a,h)anthracene	16.85	278	640462	33.93	ng		99
91) Benzo(g,h,i)perylene	17.25	276	596335	32.98	ng		98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082810.D
Acq On : 7 Nov 2015 15:00
Operator : UM/IZ
Sample : G4246-02MS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 09 01:17:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:30 PM