Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083282.D
Acq On : 25 Nov 2015 19:23
Operator : UM/IZ
Sample : G4559-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01MS

Manual Integrations APPROVED
mmdadoda
11/26/2015 6:43:38 PM

Quant Time: Nov 26 02:46:31 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	158579	20.00	ng		-0.07
21) Naphthalene-d8	7.87	136	621693	20.00	ng		-0.08
38) Acenaphthene-d10	9.62	164	314600	20.00	ng		-0.08
63) Phenanthrene-d10	11.10	188	585529	20.00	ng		-0.08
75) Chrysene-d12	13.73	240	452382	20.00	ng		-0.08
86) Perylene-d12	15.07	264	390939	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1073571	102.35	ng		-0.09
7) Phenol-d6	6.26	99	1451675	106.97	ng		-0.08
23) Nitrobenzene-d5	7.16	82	928163	68.22	ng		-0.07
41) 2,4,6-Tribromophenol	10.41	330	281904	87.59	ng		-0.08
44) 2-Fluorobiphenyl	8.96	172	1337057	59.26	ng		-0.07
78) Terphenyl-d14	12.69	244	1226222	63.83	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	147660	28.42	ng	#	86
3) Pyridine	2.73	79	215476m	15.70	ng		
4) n-Nitrosodimethylamine	2.64	42	232172	36.68	ng		88
6) Aniline	6.25	93	395671	23.86	ng		91
8) 2-Chlorophenol	6.38	128	414240	36.55	ng		99
9) Benzaldehyde	6.12	77	246768	34.97	ng		93
10) Phenol	6.27	94	612896	37.33	ng	#	74
11) bis(2-Chloroethyl)ether	6.33	93	442915	37.78	ng		93
12) 1,3-Dichlorobenzene	6.52	146	434818	33.60	ng		95
13) 1,4-Dichlorobenzene	6.60	146	455356	34.79	ng		97
14) 1,2-Dichlorobenzene	6.76	146	392658	33.01	ng		95
15) Benzyl Alcohol	6.75	79	405522	35.76	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	778568	42.59	ng		97
17) 2-Methylphenol	6.88	107	352120	37.55	ng		93
18) Hexachloroethane	7.10	117	154899	33.60	ng	#	80
19) n-Nitroso-di-n-propylamine	7.02	70	332623	35.22	ng		96
20) 3+4-Methylphenols	7.04	107	457579	38.60	ng		96
22) Acetophenone	7.00	105	596166	33.40	ng	#	96
24) Nitrobenzene	7.18	77	473919	32.60	ng		97
25) Isophorone	7.43	82	901602	35.00	ng		97
26) 2-Nitrophenol	7.50	139	204193	31.82	ng	#	82
27) 2,4-Dimethylphenol	7.56	122	361029	35.25	ng		90
28) bis(2-Chloroethoxy)methane	7.64	93	555848	37.11	ng		99
29) 2,4-Dichlorophenol	7.75	162	337849	34.68	ng		93
30) 1,2,4-Trichlorobenzene	7.83	180	354822	33.16	ng		98
31) Naphthalene	7.90	128	1093437	32.59	ng		99
32) Benzoic acid	7.70	122	212135	26.65	ng		96
33) 4-Chloroaniline	7.96	127	272414	20.93	ng	#	88
34) Hexachlorobutadiene	8.02	225	197545	31.24	ng		99
35) Caprolactam	8.33	113	111938m	35.85	ng		
36) 4-Chloro-3-methylphenol	8.47	107	396860	35.17	ng		98
37) 2-Methylnaphthalene	8.59	142	776161	35.64	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	316780	31.07	ng		98
40) Hexachlorocyclopentadiene	8.75	237	289947	50.01	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083282.D
Acq On : 25 Nov 2015 19:23
Operator : UM/IZ
Sample : G4559-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01MS

Manual Integrations APPROVED
mmdadoda
11/26/2015 6:43:38 PM

Quant Time: Nov 26 02:46:31 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	243251	33.31	ng		96
43) 2,4,5-Trichlorophenol	8.92	196	256679	34.38	ng	#	90
45) 1,1'-Biphenyl	9.06	154	873789	32.63	ng		98
46) 2-Chloronaphthalene	9.07	162	682883	32.47	ng		94
47) 2-Nitroaniline	9.19	65	273335	36.74	ng	#	70
48) Acenaphthylene	9.48	152	1063227	32.62	ng		99
49) Dimethylphthalate	9.37	163	1171269	48.36	ng		99
50) 2,6-Dinitrotoluene	9.43	165	196028	36.07	ng	#	77
51) Acenaphthene	9.66	154	630079	31.76	ng		98
52) 3-Nitroaniline	9.60	138	145783	25.16	ng		97
53) 2,4-Dinitrophenol	9.70	184	197832	63.18	ng		89
54) Dibenzofuran	9.83	168	935876	33.37	ng		96
55) 4-Nitrophenol	9.78	139	255118	57.42	ng		87
56) 2,4-Dinitrotoluene	9.83	165	255868	37.16	ng		90
57) Fluorene	10.17	166	752161	32.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	202067	32.99	ng		96
59) Diethylphthalate	10.07	149	844965	35.05	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	357368	33.66	ng		90
61) 4-Nitroaniline	10.20	138	176775	30.99	ng		91
62) Azobenzene	10.33	77	1025139	37.25	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	132874	32.94	ng		77
65) n-Nitrosodiphenylamine	10.30	169	693530	34.83	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	210436	32.39	ng	#	76
67) Hexachlorobenzene	10.72	284	237628	33.21	ng		93
68) Atrazine	10.82	200	200491	34.67	ng		99
69) Pentachlorophenol	10.92	266	269039	57.73	ng		98
70) Phenanthrene	11.12	178	1105375	32.77	ng		99
71) Anthracene	11.18	178	1182422	34.35	ng		99
72) Carbazole	11.34	167	1002504	32.77	ng		99
73) Di-n-butylphthalate	11.68	149	1245984	33.37	ng		100
74) Fluoranthene	12.31	202	1112402	32.22	ng		95
76) Benzidine	12.43	184	173941	14.67	ng		98
77) Pyrene	12.53	202	1054640	34.12	ng		99
79) Butylbenzylphthalate	13.17	149	498356	34.07	ng		97
80) Benzo(a)anthracene	13.71	228	887642	31.73	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	229095	23.53	ng	#	96
82) Chrysene	13.75	228	804387m	31.00	ng		
83) Bis(2-ethylhexyl)phthalate	13.74	149	661359	34.62	ng	#	94
84) Di-n-octyl phthalate	14.34	149	1026383	31.21	ng		97
85) Indeno(1,2,3-cd)pyrene	16.30	276	752981	31.91	ng		96
87) Benzo(b)fluoranthene	14.71	252	951689m	35.63	ng		
88) Benzo(k)fluoranthene	14.74	252	453238m	22.77	ng		
89) Benzo(a)pyrene	15.02	252	670062	30.38	ng	#	95
90) Dibenzo(a,h)anthracene	16.31	278	649387	32.42	ng	#	95
91) Benzo(g,h,i)perylene	16.66	276	626056	32.01	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083282.D
Acq On : 25 Nov 2015 19:23
Operator : UM/IZ
Sample : G4559-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 02:46:31 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Manual Integrations APPROVED
mmdadoda
11/26/2015 6:43:38 PM