Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089955.D
Acq On : 31 Aug 2016 17:28
Operator : UM/SJ
Sample : PB93146BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Manual Integrations APPROVED
SOHIL
9/1/2016 11:54:11 AM

Quant Time: Aug 31 19:32:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	187492	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	723997	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	364090	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	661847	20.00	ng		0.00
75) Chrysene-d12	13.76	240	438876	20.00	ng		0.00
86) Perylene-d12	15.10	264	427003	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1361626	116.24	ng		0.01
7) Phenol-d6	6.28	99	1693930	119.01	ng		0.01
23) Nitrobenzene-d5	7.21	82	1149481	92.08	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	431596	120.15	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1945203	87.70	ng		0.00
78) Terphenyl-d14	12.72	244	1511457	85.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	206365	37.18	ng		99
3) Pyridine	2.80	79	637654	43.06	ng		98
4) n-Nitrosodimethylamine	2.75	42	319800	43.80	ng		97
6) Aniline	6.30	93	534248	27.51	ng	#	52
8) 2-Chlorophenol	6.42	128	562838	44.29	ng		93
9) Benzaldehyde	6.17	77	107658	11.72	ng		88
10) Phenol	6.30	94	583916	35.28	ng		94
11) bis(2-Chloroethyl)ether	6.39	93	563058	44.95	ng		86
12) 1,3-Dichlorobenzene	6.58	146	604278	42.58	ng		99
13) 1,4-Dichlorobenzene	6.65	146	594128	40.91	ng		100
14) 1,2-Dichlorobenzene	6.81	146	605178	46.49	ng		99
15) Benzyl Alcohol	6.79	79	406544	45.60	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1085230	45.44	ng		98
17) 2-Methylphenol	6.91	107	508318	50.09	ng		97
18) Hexachloroethane	7.15	117	222751	44.78	ng		98
19) n-Nitroso-di-n-propylamine	7.07	70	414714	44.71	ng		97
20) 3+4-Methylphenols	7.06	107	536741	43.63	ng		97
22) Acetophenone	7.05	105	687526	42.33	ng	#	93
24) Nitrobenzene	7.22	77	549739	41.42	ng		96
25) Isophorone	7.47	82	1131901	44.59	ng		99
26) 2-Nitrophenol	7.54	139	295542	46.58	ng		98
27) 2,4-Dimethylphenol	7.60	122	556996	47.46	ng		94
28) bis(2-Chloroethoxy)methane	7.69	93	748486	48.89	ng		99
29) 2,4-Dichlorophenol	7.78	162	479434	45.57	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	537379	46.72	ng		98
31) Naphthalene	7.94	128	1498660	41.55	ng		100
32) Benzoic acid	7.72	122	285203	36.08	ng		92
33) 4-Chloroaniline	8.00	127	312082	21.45	ng		95
34) Hexachlorobutadiene	8.07	225	288758	42.84	ng		100
35) Caprolactam	8.38	113	167899m	50.56	ng		
36) 4-Chloro-3-methylphenol	8.49	107	524566	47.08	ng		86
37) 2-Methylnaphthalene	8.64	142	1168758	49.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	395008	37.03	ng		99
40) Hexachlorocyclopentadiene	8.79	237	400995	73.32	ng		94

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089955.D
Acq On : 31 Aug 2016 17:28
Operator : UM/SJ
Sample : PB93146BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Manual Integrations APPROVED
SOHIL
9/1/2016 11:54:11 AM

Quant Time: Aug 31 19:32:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	351890	47.61	ng		99
43) 2,4,5-Trichlorophenol	8.96	196	349870	49.22	ng	#	92
45) 1,1'-Biphenyl	9.10	154	1078229	36.78	ng		100
46) 2-Chloronaphthalene	9.12	162	929358	44.82	ng		99
47) 2-Nitroaniline	9.22	65	353501	52.15	ng	#	63
48) Acenaphthylene	9.53	152	1480925	43.19	ng		100
49) Dimethylphthalate	9.42	163	1208858	45.94	ng	#	97
50) 2,6-Dinitrotoluene	9.46	165	259932	44.41	ng		95
51) Acenaphthene	9.70	154	1018218	46.87	ng		99
52) 3-Nitroaniline	9.62	138	177787	26.63	ng		99
53) 2,4-Dinitrophenol	9.74	184	202722	58.48	ng	#	62
54) Dibenzofuran	9.87	168	1343149	46.14	ng		99
55) 4-Nitrophenol	9.80	139	465188	92.39	ng		89
56) 2,4-Dinitrotoluene	9.86	165	321426	43.31	ng	#	84
57) Fluorene	10.22	166	1030394	48.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	294365	48.37	ng		96
59) Diethylphthalate	10.10	149	1158370	46.79	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	475306	47.48	ng		96
61) 4-Nitroaniline	10.24	138	288842	44.04	ng		95
62) Azobenzene	10.36	77	1183204	47.85	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	136398	32.19	ng		94
65) n-Nitrosodiphenylamine	10.33	169	881210	44.29	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	323969	48.62	ng		99
67) Hexachlorobenzene	10.75	284	324544	42.64	ng		97
68) Atrazine	10.87	200	352702	53.10	ng		94
69) Pentachlorophenol	10.95	266	332124	81.11	ng		98
70) Phenanthrene	11.16	178	1505568	45.68	ng		100
71) Anthracene	11.21	178	1516125	45.35	ng		99
72) Carbazole	11.37	167	1326736	42.33	ng		99
73) Di-n-butylphthalate	11.72	149	1787883	48.94	ng	#	97
74) Fluoranthene	12.34	202	1526564	44.20	ng		98
76) Benzidine	12.47	184	656240	39.47	ng		97
77) Pyrene	12.56	202	1449797	46.85	ng		100
79) Butylbenzylphthalate	13.20	149	627293	50.27	ng		99
80) Benzo(a)anthracene	13.75	228	1215033	45.20	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	365461	37.67	ng		97
82) Chrysene	13.78	228	1137004	45.28	ng		100
83) Bis(2-ethylhexyl)phthalate	13.77	149	876909	50.81	ng		100
84) Di-n-octyl phthalate	14.38	149	1476643	53.00	ng		100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1195260	64.39	ng		100
87) Benzo(b)fluoranthene	14.74	252	1288415m	48.16	ng		
88) Benzo(k)fluoranthene	14.77	252	900682m	39.68	ng		
89) Benzo(a)pyrene	15.05	252	1119440	48.84	ng	#	98
90) Dibenzo(a,h)anthracene	16.35	278	1005072	59.85	ng		99
91) Benzo(g,h,i)perylene	16.70	276	983392	58.18	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089955.D
Acq On : 31 Aug 2016 17:28
Operator : UM/SJ
Sample : PB93146BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 31 19:32:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Manual Integrations APPROVED
SOHIL
9/1/2016 11:54:11 AM