Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091785.D
Acq On : 19 Dec 2016 20:53
Operator : UM/SJ
Sample : PB95441BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Manual Integrations APPROVED
sohil
12/20/2016 6:32:43 PM

Quant Time: Dec 20 00:16:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	248341	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	967027	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	523600	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	812912	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	552007	20.00	ng		-0.01
86) Perylene-d12	15.31	264	544315	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1861796	125.60	ng		0.01
7) Phenol-d6	6.41	99	2102452	116.30	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1532780	91.41	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	512307	115.39	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	2408409	92.41	ng		-0.01
78) Terphenyl-d14	12.87	244	2045298	93.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	313715	42.98	ng		98
3) Pyridine	3.10	79	866287	36.84	ng		97
4) n-Nitrosodimethylamine	3.07	42	363778	39.97	ng		97
6) Aniline	6.42	93	257534	11.07	ng	#	1
8) 2-Chlorophenol	6.54	128	619454	37.97	ng		99
9) Benzaldehyde	6.30	77	92667	6.31	ng		91
10) Phenol	6.42	94	705940	34.65	ng		85
11) bis(2-Chloroethyl)ether	6.50	93	600242	36.88	ng		99
12) 1,3-Dichlorobenzene	6.69	146	659224m	36.79	ng		
13) 1,4-Dichlorobenzene	6.77	146	662396	36.54	ng		100
14) 1,2-Dichlorobenzene	6.93	146	640643	40.34	ng		97
15) Benzyl Alcohol	6.91	79	550804	39.35	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	911521	36.66	ng		99
17) 2-Methylphenol	7.02	107	517661	37.97	ng		99
18) Hexachloroethane	7.28	117	254384	37.77	ng		92
19) n-Nitroso-di-n-propylamine	7.18	70	476701	39.64	ng		94
20) 3+4-Methylphenols	7.18	107	655079	43.07	ng	#	80
22) Acetophenone	7.17	105	882189	37.78	ng	#	98
24) Nitrobenzene	7.34	77	686717	38.13	ng		96
25) Isophorone	7.58	82	1248132	39.01	ng		96
26) 2-Nitrophenol	7.66	139	367612	42.32	ng		93
27) 2,4-Dimethylphenol	7.71	122	595056	41.99	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	791725	42.29	ng		100
29) 2,4-Dichlorophenol	7.90	162	506038	38.72	ng		88
30) 1,2,4-Trichlorobenzene	7.98	180	547492	38.65	ng	#	95
31) Naphthalene	8.06	128	1722655	37.29	ng		99
32) Benzoic acid	7.85	122	361076	35.75	ng		93
33) 4-Chloroaniline	8.12	127	119805	6.16	ng	#	92
34) Hexachlorobutadiene	8.19	225	316734	39.77	ng		99
35) Caprolactam	8.49	113	171018m	40.67	ng		
36) 4-Chloro-3-methylphenol	8.61	107	557115	38.64	ng		99
37) 2-Methylnaphthalene	8.76	142	1254495	43.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	479850	36.77	ng		99
40) Hexachlorocyclopentadiene	8.91	237	431402	77.99	ng		96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091785.D
Acq On : 19 Dec 2016 20:53
Operator : UM/SJ
Sample : PB95441BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Manual Integrations APPROVED
sohil
12/20/2016 6:32:43 PM

Quant Time: Dec 20 00:16:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	357604	38.35	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	343002	37.44	ng		95
45) 1,1'-Biphenyl	9.22	154	1374862	36.64	ng		96
46) 2-Chloronaphthalene	9.24	162	1058260	37.73	ng		93
47) 2-Nitroaniline	9.34	65	373400	39.00	ng		96
48) Acenaphthylene	9.66	152	1741489	40.08	ng		98
49) Dimethylphthalate	9.53	163	1197128	35.00	ng		98
50) 2,6-Dinitrotoluene	9.58	165	270621	36.09	ng	#	65
51) Acenaphthene	9.84	154	1230079	41.24	ng		100
52) 3-Nitroaniline	9.76	138	87049	9.32	ng	#	77
53) 2,4-Dinitrophenol	9.87	184	266313	65.74	ng		94
54) Dibenzofuran	10.01	168	1539815	43.42	ng		95
55) 4-Nitrophenol	9.93	139	456778	70.45	ng		98
56) 2,4-Dinitrotoluene	10.00	165	405024	43.24	ng		86
57) Fluorene	10.35	166	1142256	41.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	287160	37.91	ng		99
59) Diethylphthalate	10.22	149	1182386	35.17	ng		100
60) 4-Chlorophenyl-phenylether	10.34	204	492293	39.23	ng		94
61) 4-Nitroaniline	10.37	138	302526	34.20	ng		88
62) Azobenzene	10.50	77	1441224	40.29	ng		97
64) 4,6-Dinitro-2-methylphenol	10.40	198	173816	32.42	ng	#	41
65) n-Nitrosodiphenylamine	10.46	169	1064348	42.16	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	354701	41.61	ng	#	87
67) Hexachlorobenzene	10.89	284	352758	39.49	ng	#	76
68) Atrazine	10.99	200	327163	42.89	ng		96
69) Pentachlorophenol	11.09	266	373450	77.48	ng		98
70) Phenanthrene	11.30	178	1585421	39.03	ng		99
71) Anthracene	11.36	178	1786757	41.53	ng		99
72) Carbazole	11.52	167	1588610	42.23	ng		97
73) Di-n-butylphthalate	11.85	149	1859471	38.55	ng		99
74) Fluoranthene	12.49	202	1746673	41.17	ng		96
76) Benzidine	12.61	184	323718	20.37	ng		95
77) Pyrene	12.72	202	1800428	45.16	ng		99
79) Butylbenzylphthalate	13.35	149	808739	43.35	ng	#	76
80) Benzo(a)anthracene	13.89	228	1288899	40.82	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	215360	17.05	ng		97
82) Chrysene	13.94	228	1368541	41.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	986800	41.69	ng	#	96
84) Di-n-octyl phthalate	14.51	149	1762297	40.41	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	1125338	34.97	ng		99
87) Benzo(b)fluoranthene	14.91	252	1574519m	45.62	ng		
88) Benzo(k)fluoranthene	14.95	252	899103m	37.13	ng		
89) Benzo(a)pyrene	15.25	252	1157046	39.06	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	931306	36.07	ng		100
91) Benzo(g,h,i)perylene	17.05	276	940515	35.84	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091785.D
Acq On : 19 Dec 2016 20:53
Operator : UM/SJ
Sample : PB95441BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 00:16:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Manual Integrations APPROVED
sohil
12/20/2016 6:32:43 PM