Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111232.D
Acq On : 10 Dec 2018 10:34
Operator : JU/SJ
Sample : PB115080BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:42:23 AM

Quant Time: Dec 10 15:35:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	616577	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2422032	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1100700	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1859315	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1140601	20.00	ng		0.00
87) Perylene-d12	15.39	264	880092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	4327950	110.84	ng		0.02
7) Phenol-d6	6.44	99	5487918	113.09	ng		0.00
23) Nitrobenzene-d5	7.36	82	2967720	68.73	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1137467	116.66	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4564978	67.72	ng		0.00
79) Terphenyl-d14	12.91	244	3977529	83.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	739632	36.918	ng		99
3) Pyridine	3.37	79	2051430	38.543	ng		99
4) n-Nitrosodimethylamine	3.30	42	1029645	45.373	ng		97
6) Aniline	6.46	93	2107839	32.579	ng		99
8) 2-Chlorophenol	6.59	128	1764422	39.754	ng		98
9) Benzaldehyde	6.35	77	682239	21.133	ng		99
10) Phenol	6.45	94	2177876	38.383	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	1805202	41.137	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1881982	39.463	ng		100
13) 1,4-Dichlorobenzene	6.82	146	1899957	39.456	ng		100
14) 1,2-Dichlorobenzene	6.97	146	1764147	39.280	ng		99
15) Benzyl Alcohol	6.95	79	1562115	40.679	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3364399	40.950	ng		99
17) 2-Methylphenol	7.06	107	1538788	42.466	ng		98
18) Hexachloroethane	7.32	117	750607	40.942	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	1270775	39.093	ng		99
20) 3+4-Methylphenols	7.21	107	1706159	39.586	ng		96
22) Acetophenone	7.21	105	2342769	42.274	ng	#	99
24) Nitrobenzene	7.38	77	1944745	43.271	ng		98
25) Isophorone	7.63	82	3554036	48.322	ng		99
26) 2-Nitrophenol	7.70	139	968643	43.379	ng		99
27) 2,4-Dimethylphenol	7.74	122	1653441	47.918	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	2247357	44.126	ng		99
29) 2,4-Dichlorophenol	7.94	162	1482217	42.010	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1484700	42.721	ng		100
31) Naphthalene	8.10	128	4849674	45.878	ng		98
32) Benzoic acid	7.87	122	1273651	44.637	ng		99
33) 4-Chloroaniline	8.15	127	1293750	25.482	ng		98
34) Hexachlorobutadiene	8.23	225	784544	40.895	ng		98
35) Caprolactam	8.52	113	531368m	42.501	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1584906	43.874	ng		96
37) 2-Methylnaphthalene	8.80	142	3328569	47.428	ng		99
38) 1-Methylnaphthalene	8.90	142	3130529	45.550	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1157337	37.788	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111232.D
Acq On : 10 Dec 2018 10:34
Operator : JU/SJ
Sample : PB115080BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:42:23 AM

Quant Time: Dec 10 15:35:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1424129	81.648 ng	98
43) 2,4,6-Trichlorophenol	9.07	196	969477	42.170 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	1016089	42.427 ng	98
46) 1,1'-Biphenyl	9.26	154	3580915	40.045 ng	99
47) 2-Chloronaphthalene	9.29	162	2929795	40.680 ng	99
48) 2-Nitroaniline	9.38	65	1041544	42.394 ng	90
49) Acenaphthylene	9.70	152	4494811	42.990 ng	98
50) Dimethylphthalate	9.57	163	3258881	40.126 ng	100
51) 2,6-Dinitrotoluene	9.62	165	796411	44.404 ng	88
52) Acenaphthene	9.87	154	3021966	46.058 ng	99
53) 3-Nitroaniline	9.79	138	674709	30.477 ng	96
54) 2,4-Dinitrophenol	9.89	184	673437	95.016 ng	93
55) Dibenzofuran	10.05	168	3848625	43.115 ng	97
56) 4-Nitrophenol	9.96	139	1440223	83.530 ng	92
57) 2,4-Dinitrotoluene	10.03	165	1056985	47.804 ng	96
58) Fluorene	10.39	166	2841427	41.135 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	829129	45.674 ng	99
60) Diethylphthalate	10.27	149	3210146	41.459 ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1303363	38.003 ng	97
62) 4-Nitroaniline	10.40	138	900307	42.980 ng	99
63) Azobenzene	10.54	77	3348900	41.659 ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	446560	40.723 ng	88
66) n-Nitrosodiphenylamine	10.50	169	2703798	42.719 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	848422	41.661 ng	96
68) Hexachlorobenzene	10.94	284	875742	42.273 ng	96
69) Atrazine	11.03	200	843683	43.835 ng	99
70) Pentachlorophenol	11.13	266	1059221	70.481 ng	97
71) Phenanthrene	11.35	178	3929212	41.897 ng	99
72) Anthracene	11.40	178	4104371	41.832 ng	98
73) Carbazole	11.55	167	3954799	38.548 ng	98
74) Di-n-butylphthalate	11.89	149	4481558	42.499 ng	99
75) Fluoranthene	12.53	202	3921289	45.772 ng	95
77) Benzidine	12.65	184	1633259	48.226 ng	98
78) Pyrene	12.76	202	4001862	49.098 ng	97
80) Butylbenzylphthalate	13.39	149	1981581	46.545 ng	97
81) Benzo(a)anthracene	13.95	228	2958334	46.490 ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	853527	32.725 ng	99
83) Chrysene	13.99	228	2909605	44.353 ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2126294	42.031 ng	99
85) Di-n-octyl phthalate	14.56	149	3576626	42.181 ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2528052	47.740 ng	100
88) Benzo(b)fluoranthene	14.98	252	2629816	54.033 ng	99
89) Benzo(k)fluoranthene	15.01	252	2202141	48.124 ng	98
90) Benzo(a)pyrene	15.33	252	2286962	51.026 ng	99
91) Dibenzo(a,h)anthracene	16.83	278	2077210	59.006 ng	98
92) Benzo(g,h,i)perylene	17.24	276	2189142	62.121 ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111232.D
Acq On : 10 Dec 2018 10:34
Operator : JU/SJ
Sample : PB115080BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 15:35:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:42:23 AM