Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101564.D
Acq On : 20 Dec 2017 13:41
Operator : SJ/JU
Sample : PB105164BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105164BS

Manual Integrations APPROVED
Sohil
12/21/2017 12:06:56 PM

Quant Time: Dec 20 14:58:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	156280	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	650665	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	301481	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	559976	20.00	ng		0.00
75) Chrysene-d12	13.97	240	380792	20.00	ng		0.00
86) Perylene-d12	15.43	264	317088	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1175139	112.01	ng		0.02
7) Phenol-d6	6.45	99	1422192	108.92	ng		0.00
23) Nitrobenzene-d5	7.37	82	943964	80.76	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	350401	120.62	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1560368	80.29	ng		0.00
78) Terphenyl-d14	12.91	244	1504833	95.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	196343	36.421	ng		95
3) Pyridine	3.37	79	506630	33.825	ng		94
4) n-Nitrosodimethylamine	3.35	42	276215	40.052	ng		99
6) Aniline	6.47	93	440181	24.259	ng	#	88
8) 2-Chlorophenol	6.59	128	448461	40.635	ng		98
9) Benzaldehyde	6.35	77	269342	27.931	ng		96
10) Phenol	6.46	94	570121	38.309	ng		90
11) bis(2-Chloroethyl)ether	6.53	93	474716	40.666	ng		93
12) 1,3-Dichlorobenzene	6.73	146	492966	39.577	ng		98
13) 1,4-Dichlorobenzene	6.81	146	497325	39.099	ng		99
14) 1,2-Dichlorobenzene	6.96	146	443421	38.729	ng		99
15) Benzyl Alcohol	6.95	79	334821	37.255	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	764540	42.794	ng		72
17) 2-Methylphenol	7.06	107	379142	37.347	ng	#	92
18) Hexachloroethane	7.30	117	178696	40.407	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	315068	36.743	ng		93
20) 3+4-Methylphenols	7.22	107	460590	42.814	ng	#	68
22) Acetophenone	7.21	105	623533	41.998	ng	#	89
24) Nitrobenzene	7.39	77	521295	40.296	ng		97
25) Isophorone	7.62	82	980901	41.832	ng		97
26) 2-Nitrophenol	7.70	139	256642	46.177	ng		97
27) 2,4-Dimethylphenol	7.74	122	419122	44.390	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	606121	40.693	ng		99
29) 2,4-Dichlorophenol	7.95	162	395970	42.449	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	393416	39.965	ng		95
31) Naphthalene	8.10	128	1268293	38.718	ng		99
32) Benzoic acid	7.90	122	286330	45.503	ng		97
33) 4-Chloroaniline	8.16	127	218141	15.322	ng		97
34) Hexachlorobutadiene	8.20	225	226035	39.701	ng		97
35) Caprolactam	8.55	113	140180m	43.278	ng		
36) 4-Chloro-3-methylphenol	8.66	107	426680	41.616	ng		99
37) 2-Methylnaphthalene	8.79	142	862961	40.435	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	416673	40.936	ng		98
40) Hexachlorocyclopentadiene	8.93	237	161386	74.922	ng		96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101564.D
Acq On : 20 Dec 2017 13:41
Operator : SJ/JU
Sample : PB105164BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105164BS

Manual Integrations APPROVED
Sohil
12/21/2017 12:06:56 PM

Quant Time: Dec 20 14:58:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	255152	41.638	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	260081	38.762	ng		97
45) 1,1'-Biphenyl	9.26	154	1051483	39.327	ng		99
46) 2-Chloronaphthalene	9.29	162	796747	38.946	ng		96
47) 2-Nitroaniline	9.39	65	293447	41.522	ng		89
48) Acenaphthylene	9.70	152	1165236	36.061	ng		100
49) Dimethylphthalate	9.56	163	902881	37.232	ng		99
50) 2,6-Dinitrotoluene	9.63	165	201647	40.913	ng	#	89
51) Acenaphthene	9.87	154	718335	37.002	ng		100
52) 3-Nitroaniline	9.80	138	146385	23.823	ng		93
53) 2,4-Dinitrophenol	9.93	184	165234	94.159	ng	#	19
54) Dibenzofuran	10.05	168	996667	40.398	ng		99
55) 4-Nitrophenol	9.99	139	196778	73.441	ng		89
56) 2,4-Dinitrotoluene	10.05	165	248121	44.683	ng	#	95
57) Fluorene	10.39	166	818607	39.223	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	215463	44.696	ng		88
59) Diethylphthalate	10.26	149	919165	38.276	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	400655	40.056	ng		91
61) 4-Nitroaniline	10.43	138	217981	35.292	ng		99
62) Azobenzene	10.53	77	930086	37.388	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	125497	43.917	ng		94
65) n-Nitrosodiphenylamine	10.50	169	773418	37.405	ng		96
66) 4-Bromophenyl-phenylether	10.86	248	256674	40.793	ng		90
67) Hexachlorobenzene	10.94	284	266936	40.085	ng	#	88
68) Atrazine	11.03	200	255103	41.377	ng		98
69) Pentachlorophenol	11.14	266	202891	78.482	ng		99
70) Phenanthrene	11.35	178	1193294	38.319	ng		99
71) Anthracene	11.40	178	1239716	38.973	ng		99
72) Carbazole	11.56	167	1097187	36.840	ng		100
73) Di-n-butylphthalate	11.87	149	1409719	38.999	ng		100
74) Fluoranthene	12.54	202	1218585	37.280	ng		98
76) Benzidine	12.66	184	195361	12.147	ng		98
77) Pyrene	12.77	202	1261383	44.138	ng		99
79) Butylbenzylphthalate	13.37	149	583465	45.121	ng		95
80) Benzo(a)anthracene	13.96	228	1019617	40.551	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	246633	30.082	ng	#	97
82) Chrysene	14.00	228	949208	39.982	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	740171	45.191	ng		98
84) Di-n-octyl phthalate	14.54	149	1191359	40.786	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	824555	39.002	ng		96
87) Benzo(b)fluoranthene	15.01	252	844341	43.687	ng		98
88) Benzo(k)fluoranthene	15.04	252	718028	38.211	ng		98
89) Benzo(a)pyrene	15.37	252	752394	42.229	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	679832	44.441	ng		97
91) Benzo(g,h,i)perylene	17.36	276	731921	48.319	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101564.D
Acq On : 20 Dec 2017 13:41
Operator : SJ/JU
Sample : PB105164BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 20 14:58:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB105164BS

Manual Integrations APPROVED
Sohil
12/21/2017 12:06:56 PM