Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101626.D
Acq On : 22 Dec 2017 1:20
Operator : SJ/JU
Sample : PB105265BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Manual Integrations APPROVED
Sohil
12/22/2017 12:42:26 PM

Quant Time: Dec 22 02:43:31 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	6.80	152	137349	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	526847	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	206483	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	314693	20.00	ng		0.00
75) Chrysene-d12	13.97	240	276889	20.00	ng		0.00
86) Perylene-d12	15.44	264	245657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	923634	100.17	ng		0.02
7) Phenol-d6	6.45	99	1052636	91.73	ng		0.00
23) Nitrobenzene-d5	7.37	82	952436	100.63	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	176445	88.68	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1413670	106.20	ng		0.00
78) Terphenyl-d14	12.90	244	1040021	90.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	207841	43.868	ng		94
3) Pyridine	3.35	79	573064	43.534	ng		96
4) n-Nitrosodimethylamine	3.33	42	297506	49.086	ng	#	94
6) Aniline	6.47	93	272870	17.111	ng	#	72
8) 2-Chlorophenol	6.59	128	456193	47.032	ng		95
9) Benzaldehyde	6.36	77	251100	29.629	ng		98
10) Phenol	6.46	94	578053	44.196	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	469751	45.787	ng		95
12) 1,3-Dichlorobenzene	6.73	146	505968	46.219	ng		97
13) 1,4-Dichlorobenzene	6.82	146	516971	46.245	ng		98
14) 1,2-Dichlorobenzene	6.97	146	450992	44.819	ng		98
15) Benzyl Alcohol	6.95	79	318860	40.369	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	774974	49.357	ng		54
17) 2-Methylphenol	7.06	107	370133	41.484	ng	#	89
18) Hexachloroethane	7.30	117	159980	41.161	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	319223	42.359	ng		94
20) 3+4-Methylphenols	7.22	107	473991	50.133	ng	#	71
22) Acetophenone	7.22	105	622046	51.745	ng	#	90
24) Nitrobenzene	7.39	77	509242	48.616	ng		100
25) Isophorone	7.62	82	940112	49.515	ng		96
26) 2-Nitrophenol	7.70	139	235516	52.335	ng		98
27) 2,4-Dimethylphenol	7.74	122	398271	52.095	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	592433	49.122	ng		99
29) 2,4-Dichlorophenol	7.95	162	376967	49.909	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	372155	46.690	ng		96
31) Naphthalene	8.10	128	1210710	45.647	ng		100
32) Benzoic acid	7.90	122	184826	37.890	ng		96
33) 4-Chloroaniline	8.16	127	114253	9.911	ng		96
34) Hexachlorobutadiene	8.21	225	219933	47.707	ng		96
35) Caprolactam	8.55	113	122327	46.642	ng	#	80
36) 4-Chloro-3-methylphenol	8.66	107	372997	44.931	ng		99
37) 2-Methylnaphthalene	8.79	142	780483	45.166	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	366220	52.532	ng		97
40) Hexachlorocyclopentadiene	8.93	237	4527	15.689	ng		93

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101626.D
Acq On : 22 Dec 2017 1:20
Operator : SJ/JU
Sample : PB105265BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105265BSD

Manual Integrations APPROVED
Sohil
12/22/2017 12:42:26 PM

Quant Time: Dec 22 02:43:31 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	228962	54.554	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	220760	48.039	ng		96
45) 1,1'-Biphenyl	9.26	154	927701	50.661	ng		100
46) 2-Chloronaphthalene	9.29	162	685240	48.906	ng		98
47) 2-Nitroaniline	9.39	65	241997	49.996	ng		88
48) Acenaphthylene	9.70	152	953588	43.089	ng		99
49) Dimethylphthalate	9.56	163	778260	46.859	ng		99
50) 2,6-Dinitrotoluene	9.63	165	160225	47.466	ng	#	88
51) Acenaphthene	9.87	154	585374	44.026	ng		100
52) 3-Nitroaniline	9.80	138	106197	25.234	ng		94
53) 2,4-Dinitrophenol	9.94	184	22933	27.310	ng	#	18
54) Dibenzofuran	10.04	168	810029	47.939	ng		96
55) 4-Nitrophenol	9.99	139	152719	83.221	ng		88
56) 2,4-Dinitrotoluene	10.05	165	183368	48.214	ng	#	76
57) Fluorene	10.39	166	634550	44.392	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	164225	49.741	ng		88
59) Diethylphthalate	10.25	149	771988	46.937	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	320570	46.794	ng		90
61) 4-Nitroaniline	10.42	138	140751	33.273	ng		98
62) Azobenzene	10.53	77	742590	43.584	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	25520	15.891	ng		93
65) n-Nitrosodiphenylamine	10.49	169	596952	51.373	ng		94
66) 4-Bromophenyl-phenylether	10.86	248	190279	53.812	ng	#	88
67) Hexachlorobenzene	10.94	284	185787	49.644	ng	#	85
68) Atrazine	11.02	200	181254	52.314	ng		97
69) Pentachlorophenol	11.14	266	150321	101.382	ng		96
70) Phenanthrene	11.35	178	811915	46.394	ng		99
71) Anthracene	11.40	178	833783	46.642	ng		99
72) Carbazole	11.56	167	746395	44.596	ng		99
73) Di-n-butylphthalate	11.87	149	1029533	50.681	ng		99
74) Fluoranthene	12.54	202	845850	46.047	ng		99
76) Benzidine	12.66	184	502357	42.957	ng		99
77) Pyrene	12.77	202	878227	42.262	ng		100
79) Butylbenzylphthalate	13.37	149	404025	42.969	ng		96
80) Benzo(a)anthracene	13.96	228	871858	47.686	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	300448	50.397	ng	#	97
82) Chrysene	14.00	228	830098	48.086	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	506128	42.498	ng		99
84) Di-n-octyl phthalate	14.54	149	1025058	48.262	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	593917	38.635	ng		96
87) Benzo(b)fluoranthene	15.02	252	792894	52.954	ng		99
88) Benzo(k)fluoranthene	15.04	252	724143m	49.741	ng		
89) Benzo(a)pyrene	15.38	252	693214	50.221	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	510768	43.098	ng		97
91) Benzo(g,h,i)perylene	17.36	276	498589	42.486	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101626.D
Acq On : 22 Dec 2017 1:20
Operator : SJ/JU
Sample : PB105265BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 22 02:43:31 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 :
PB105265BSD

Manual Integrations APPROVED
Sohil
12/22/2017 12:42:26 PM