Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104494.D
Acq On : 13 Apr 2018 22:15
Operator : JU/SJ
Sample : PB108218BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108218BSD

Manual Integrations APPROVED

Quant Time: Apr 14 00:11:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Sohil

4/16/2018 3:10:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122654	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	476086	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	201545	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	308977	20.00	ng		0.00
75) Chrysene-d12	13.99	240	213138	20.00	ng		0.00
86) Perylene-d12	15.45	264	150573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	621735	77.51	ng		0.02
7) Phenol-d6	6.46	99	753295	76.43	ng		0.01
23) Nitrobenzene-d5	7.38	82	694308	95.23	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	157354	75.26	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1169064	91.63	ng		0.00
78) Terphenyl-d14	12.93	244	805132	86.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	146512	39.198	ng		90
3) Pyridine	3.35	79	408880	38.908	ng		87
4) n-Nitrosodimethylamine	3.32	42	174747	47.570	ng		81
6) Aniline	6.47	93	232683	16.993	ng	#	1
8) 2-Chlorophenol	6.60	128	418122	49.386	ng		94
9) Benzaldehyde	6.36	77	1318	Below Cal			89
10) Phenol	6.47	94	489263	46.786	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	380996	45.655	ng		95
12) 1,3-Dichlorobenzene	6.75	146	424838	44.293	ng		99
13) 1,4-Dichlorobenzene	6.83	146	433981	45.390	ng		99
14) 1,2-Dichlorobenzene	6.99	146	402201	45.393	ng		98
15) Benzyl Alcohol	6.96	79	334945	44.744	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	476099	42.482	ng		86
17) 2-Methylphenol	7.07	107	334611	45.466	ng		93
18) Hexachloroethane	7.32	117	140921	41.338	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	266597	41.394	ng		93
20) 3+4-Methylphenols	7.23	107	393894	43.154	ng	#	69
22) Acetophenone	7.22	105	536066	45.736	ng	#	98
24) Nitrobenzene	7.40	77	422979	52.546	ng		100
25) Isophorone	7.64	82	765533	49.653	ng		99
26) 2-Nitrophenol	7.72	139	202059	61.659	ng		93
27) 2,4-Dimethylphenol	7.76	122	354734	52.133	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	489496	51.927	ng		99
29) 2,4-Dichlorophenol	7.96	162	322652	49.697	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	343462	48.205	ng		99
31) Naphthalene	8.12	128	1128055	47.584	ng		99
32) Benzoic acid	7.89	122	199076	36.668	ng		97
33) 4-Chloroaniline	8.17	127	163312	16.080	ng		97
34) Hexachlorobutadiene	8.23	225	187220	47.972	ng		99
35) Caprolactam	8.55	113	107726m	47.564	ng		
36) 4-Chloro-3-methylphenol	8.66	107	342696	49.227	ng		98
37) 2-Methylnaphthalene	8.81	142	737566	48.098	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	308642	53.497	ng		99
40) Hexachlorocyclopentadiene	8.96	237	62664	19.401	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104494.D
Acq On : 13 Apr 2018 22:15
Operator : JU/SJ
Sample : PB108218BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108218BSD

Manual Integrations APPROVED

Quant Time: Apr 14 00:11:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	214872	53.651	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	213911	47.729	ng		98
45) 1,1'-Biphenyl	9.27	154	841466	49.699	ng		100
46) 2-Chloronaphthalene	9.30	162	661613	49.472	ng		99
47) 2-Nitroaniline	9.40	65	207606	62.773	ng		94
48) Acenaphthylene	9.72	152	962391	45.866	ng		100
49) Dimethylphthalate	9.58	163	811392	51.052	ng		100
50) 2,6-Dinitrotoluene	9.65	165	169118	57.506	ng		90
51) Acenaphthene	9.89	154	569197	44.461	ng		99
52) 3-Nitroaniline	9.81	138	140990	40.951	ng		99
53) 2,4-Dinitrophenol	9.92	184	27258	32.865	ng	#	24
54) Dibenzofuran	10.06	168	853594	47.844	ng		98
55) 4-Nitrophenol	9.99	139	236854	87.577	ng		95
56) 2,4-Dinitrotoluene	10.05	165	211192	54.747	ng		98
57) Fluorene	10.40	166	621224	47.837	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	159349	47.658	ng		93
59) Diethylphthalate	10.27	149	763976	48.265	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	299664	51.815	ng		94
61) 4-Nitroaniline	10.43	138	167221	49.674	ng		99
62) Azobenzene	10.56	77	665602	44.014	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	22206	19.845	ng		91
65) n-Nitrosodiphenylamine	10.52	169	582310	54.355	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	185478	56.436	ng		93
67) Hexachlorobenzene	10.95	284	191965	51.910	ng		93
68) Atrazine	11.05	200	136552	42.228	ng		99
69) Pentachlorophenol	11.15	266	157832	68.989	ng		98
70) Phenanthrene	11.37	178	829891	48.231	ng		99
71) Anthracene	11.42	178	844618	48.289	ng		100
72) Carbazole	11.58	167	762165	44.593	ng		99
73) Di-n-butylphthalate	11.90	149	1033278	49.490	ng		99
74) Fluoranthene	12.56	202	790233	43.956	ng		98
76) Benzidine	12.68	184	165273	18.951	ng		97
77) Pyrene	12.79	202	793022	50.196	ng		99
79) Butylbenzylphthalate	13.40	149	387013	51.998	ng		99
80) Benzo(a)anthracene	13.98	228	662965	52.066	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	232040	48.875	ng	#	97
82) Chrysene	14.02	228	631151	48.257	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	516776	53.980	ng		99
84) Di-n-octyl phthalate	14.59	149	838782	52.436	ng		96
85) Indeno(1,2,3-cd)pyrene	16.92	276	482494	43.428	ng		96
87) Benzo(b)fluoranthene	15.03	252	575568	60.523	ng		98
88) Benzo(k)fluoranthene	15.06	252	507895	56.570	ng		99
89) Benzo(a)pyrene	15.39	252	484605	56.952	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	413125	59.115	ng		98
91) Benzo(g,h,i)perylene	17.36	276	393699	58.148	ng		95

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

Sohil
4/16/2018 3:10:30 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104494.D
Acq On : 13 Apr 2018 22:15
Operator : JU/SJ
Sample : PB108218BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 14 00:11:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Manual Integrations APPROVED