Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000715.D
Acq On : 09 Apr 2018 18:34
Operator : JU/SJ
Sample : PB108094BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB108094BS

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:25 PM

Quant Time: Apr 10 04:55:10 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	153176	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	615574	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	289343	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	522039	20.00	ng		0.00
75) Chrysene-d12	21.22	240	417633	20.00	ng		0.00
86) Perylene-d12	23.41	264	389580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1020642	98.39	ng		0.00
7) Phenol-d6	6.82	99	1321258	93.56	ng		0.00
23) Nitrobenzene-d5	8.78	82	1138913	97.91	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	270228	94.99	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	2057667	98.01	ng		0.00
78) Terphenyl-d14	19.66	244	1961153	102.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	189236	39.762	ng		96
3) Pyridine	3.63	79	542038	42.198	ng		98
4) n-Nitrosodimethylamine	3.55	42	182986	52.596	ng	#	82
6) Aniline	6.98	93	764772	40.569	ng		93
8) 2-Chlorophenol	7.21	128	520949	48.620	ng		90
9) Benzaldehyde	6.79	77	126969	17.725	ng		95
10) Phenol	6.85	94	722331	48.102	ng		87
11) bis(2-Chloroethyl)ether	7.08	93	553626	44.875	ng		84
12) 1,3-Dichlorobenzene	7.53	146	539486	43.443	ng		99
13) 1,4-Dichlorobenzene	7.68	146	547773	43.542	ng		98
14) 1,2-Dichlorobenzene	7.99	146	521019	43.131	ng		96
15) Benzyl Alcohol	7.88	79	464026	48.240	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.18	45	580058	43.340	ng		78
17) 2-Methylphenol	8.08	107	454452	45.389	ng		95
18) Hexachloroethane	8.70	117	210663	45.432	ng	#	82
19) n-Nitroso-di-n-propylamine	8.45	70	392053	44.413	ng	#	82
20) 3+4-Methylphenols	8.40	107	604993	44.024	ng		94
22) Acetophenone	8.45	105	794643	44.834	ng	#	88
24) Nitrobenzene	8.82	77	603072	47.744	ng	#	95
25) Isophorone	9.35	82	1064643	49.577	ng		99
26) 2-Nitrophenol	9.53	139	246777	49.355	ng		93
27) 2,4-Dimethylphenol	9.59	122	472561	55.484	ng		97
28) bis(2-Chloroethoxy)methane	9.83	93	701391	49.644	ng		97
29) 2,4-Dichlorophenol	10.06	162	420864	50.899	ng		97
30) 1,2,4-Trichlorobenzene	10.27	180	443104	44.485	ng		97
31) Naphthalene	10.46	128	1504953	45.246	ng		98
32) Benzoic acid	9.73	122	287400	38.257	ng		95
33) 4-Chloroaniline	10.56	127	494141	36.553	ng		97
34) Hexachlorobutadiene	10.75	225	235694	43.994	ng		97
35) Caprolactam	11.33	113	127730	47.333	ng		96
36) 4-Chloro-3-methylphenol	11.69	107	481457	48.939	ng		100
37) 2-Methylnaphthalene	12.07	142	1003543	46.106	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.45	216	430994	48.443	ng	#	96
40) Hexachlorocyclopentadiene	12.43	237	591148	119.142	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000715.D
Acq On : 09 Apr 2018 18:34
Operator : JU/SJ
Sample : PB108094BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB108094BS

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:25 PM

Quant Time: Apr 10 04:55:10 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	282022	53.609	ng		99
43) 2,4,5-Trichlorophenol	12.76	196	302506	49.478	ng	#	93
45) 1,1'-Biphenyl	13.10	154	1216290	46.824	ng		97
46) 2-Chloronaphthalene	13.13	162	913774	46.810	ng		97
47) 2-Nitroaniline	13.34	65	272488	49.217	ng		89
48) Acenaphthylene	13.99	152	1426792	46.384	ng		98
49) Dimethylphthalate	13.74	163	1041208	45.205	ng		99
50) 2,6-Dinitrotoluene	13.85	165	227531	47.707	ng		93
51) Acenaphthene	14.33	154	843307	44.369	ng		99
52) 3-Nitroaniline	14.17	138	195098	35.718	ng	#	96
53) 2,4-Dinitrophenol	14.38	184	247576	97.989	ng		96
54) Dibenzofuran	14.67	168	1284706	47.018	ng		95
55) 4-Nitrophenol	14.49	139	421312	101.340	ng	#	86
56) 2,4-Dinitrotoluene	14.63	165	299303	48.333	ng		95
57) Fluorene	15.32	166	994077	46.065	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.89	232	241940m	51.071	ng		
59) Diethylphthalate	15.12	149	1026241	45.337	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	458821	45.478	ng		91
61) 4-Nitroaniline	15.34	138	243804	45.794	ng		94
62) Azobenzene	15.62	77	1189417	47.612	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	142693	45.873	ng		89
65) n-Nitrosodiphenylamine	15.54	169	861239	49.437	ng		97
66) 4-Bromophenyl-phenylether	16.22	248	254849	48.822	ng	#	87
67) Hexachlorobenzene	16.32	284	281747	46.747	ng	#	91
68) Atrazine	16.50	200	256203	53.148	ng		94
69) Pentachlorophenol	16.66	266	351872	89.914	ng		98
70) Phenanthrene	17.06	178	1434075	47.263	ng		99
71) Anthracene	17.15	178	1455171	49.171	ng		98
72) Carbazole	17.42	167	1304891	46.540	ng		96
73) Di-n-butylphthalate	18.01	149	1531814	46.985	ng		99
74) Fluoranthene	19.08	202	1417507	46.674	ng		93
76) Benzidine	19.27	184	965280	84.553	ng		96
77) Pyrene	19.45	202	1444244	48.384	ng		100
79) Butylbenzylphthalate	20.37	149	617885	46.746	ng	#	94
80) Benzo(a)anthracene	21.20	228	1273232	48.450	ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	337046	42.091	ng	#	98
82) Chrysene	21.26	228	1195246	46.630	ng		98
83) Bis(2-ethylhexyl)phthalate	21.17	149	920443	48.901	ng	#	93
84) Di-n-octyl phthalate	22.05	149	1438392	54.503	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.26	276	1070040	49.104	ng	#	91
87) Benzo(b)fluoranthene	22.76	252	1151701	48.713	ng	#	96
88) Benzo(k)fluoranthene	22.80	252	1157874	48.727	ng	#	95
89) Benzo(a)pyrene	23.32	252	1105045	51.165	ng	#	94
90) Dibenzo(a,h)anthracene	25.61	278	1086219	51.020	ng	#	92
91) Benzo(g,h,i)perylene	26.26	276	1070040	51.777	ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000715.D
Acq On : 09 Apr 2018 18:34
Operator : JU/SJ
Sample : PB108094BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 10 04:55:10 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB108094BS

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:25 PM