Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123891.D
Acq On : 10 May 2021 18:58
Operator : JU/CG
Sample : PB136256BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations APPROVED
mohammad
5/11/2021 4:16:10 PM

Quant Time: May 11 03:36:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 16:46:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	104682	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	498117	20.00	ng	# 0.00
39) Acenaphthene-d10	9.810	164	246012	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	472337	20.00	ng	0.00
76) Chrysene-d12	13.933	240	302864	20.00	ng	# 0.00
86) Perylene-d12	15.368	264	229759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	786023	109.66	ng	0.01
7) Phenol-d6	6.416	99	1020526	106.67	ng	0.00
23) Nitrobenzene-d5	7.339	82	753863	62.82	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	407063	112.33	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1411772	71.62	ng	0.00
79) Terphenyl-d14	12.880	244	1578342	85.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.551	88	104421	31.94	ng	# 95
3) Pyridine	3.275	79	236290	30.83	ng	98
4) n-Nitrosodimethylamine	3.222	42	228396	38.09	ng	# 75
6) Aniline	6.434	93	241400	23.18	ng	# 1
8) 2-Chlorophenol	6.557	128	291138	38.91	ng	98
9) Benzaldehyde	6.316	77	238070	57.75	ng	96
10) Phenol	6.434	94	384059	37.83	ng	# 70
11) bis(2-Chloroethyl)ether	6.510	93	278932	41.24	ng	98
12) 1,3-Dichlorobenzene	6.710	146	298651	38.55	ng	100
13) 1,4-Dichlorobenzene	6.786	146	308804	39.83	ng	97
14) 1,2-Dichlorobenzene	6.939	146	298809	39.97	ng	97
15) Benzyl Alcohol	6.916	79	295013	38.12	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.051	45	612723	40.96	ng	96
17) 2-Methylphenol	7.039	107	243943	38.96	ng	# 88
18) Hexachloroethane	7.281	117	129605	40.72	ng	99
19) n-Nitroso-di-n-propyla...	7.186	70	242389	41.37	ng	93
20) 3+4-Methylphenols	7.192	107	334545	40.72	ng	# 83
22) Acetophenone	7.181	105	489566	33.24	ng	94
24) Nitrobenzene	7.357	77	372913	30.42	ng	93
25) Isophorone	7.598	82	620640	30.05	ng	# 98
26) 2-Nitrophenol	7.675	139	153468	31.33	ng	95
27) 2,4-Dimethylphenol	7.716	122	260063	34.53	ng	98
28) bis(2-Chloroethoxy)met...	7.804	93	358777	35.96	ng	99
29) 2,4-Dichlorophenol	7.922	162	249755	32.54	ng	95
30) 1,2,4-Trichlorobenzene	7.998	180	284838	34.65	ng	98
31) Naphthalene	8.075	128	1051954	38.17	ng	100
32) Benzoic acid	7.857	122	136537	32.35	ng	# 81
33) 4-Chloroaniline	8.128	127	96193	8.67	ng	94
34) Hexachlorobutadiene	8.192	225	202751	36.73	ng	98
35) Caprolactam	8.504	113	94530m	37.97	ng	
36) 4-Chloro-3-methylphenol	8.622	107	371082	37.73	ng	96
37) 2-Methylnaphthalene	8.769	142	667395	37.37	ng	97
38) 1-Methylnaphthalene	8.869	142	617390	35.85	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	324549	38.46	ng	98
41) Hexachlorocyclopentadiene	8.928	237	319530	82.49	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	202047	35.23	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123891.D
Acq On : 10 May 2021 18:58
Operator : JU/CG
Sample : PB136256BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations APPROVED
mohammad
5/11/2021 4:16:10 PM

Quant Time: May 11 03:36:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 16:46:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	205299	35.73	ng		95
46) 1,1'-Biphenyl	9.233	154	770446	35.23	ng		99
47) 2-Chloronaphthalene	9.257	162	614353	36.87	ng		99
48) 2-Nitroaniline	9.357	65	271242	37.23	ng		91
49) Acenaphthylene	9.675	152	1005060	37.74	ng		100
50) Dimethylphthalate	9.539	163	714966	38.30	ng		99
51) 2,6-Dinitrotoluene	9.598	165	150915	35.86	ng		84
52) Acenaphthene	9.845	154	596402	36.91	ng		99
53) 3-Nitroaniline	9.763	138	74299	15.59	ng		94
54) 2,4-Dinitrophenol	9.880	184	161264	80.03	ng	#	90
55) Dibenzofuran	10.016	168	903814	36.37	ng		97
56) 4-Nitrophenol	9.951	139	238662	72.28	ng		89
57) 2,4-Dinitrotoluene	10.004	165	224644	38.77	ng	#	79
58) Fluorene	10.357	166	724735	37.17	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.139	232	172406	36.82	ng		99
60) Diethylphthalate	10.239	149	789139	40.97	ng		98
61) 4-Chlorophenyl-phenyle...	10.351	204	333604	36.31	ng		99
62) 4-Nitroaniline	10.386	138	172531	34.90	ng	#	81
63) Azobenzene	10.510	77	812803	37.87	ng		93
65) 4,6-Dinitro-2-methylph...	10.416	198	105498	36.66	ng		89
66) n-Nitrosodiphenylamine	10.474	169	640464	40.89	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	213985	42.33	ng		94
68) Hexachlorobenzene	10.910	284	260216	42.92	ng	#	92
69) Atrazine	11.004	200	202764	45.02	ng		96
70) Pentachlorophenol	11.104	266	227459	85.89	ng		96
71) Phenanthrene	11.321	178	1025338	38.02	ng		99
72) Anthracene	11.374	178	1064253	39.66	ng		99
73) Carbazole	11.527	167	972951	37.05	ng		99
74) Di-n-butylphthalate	11.857	149	1169578	42.22	ng		99
75) Fluoranthene	12.510	202	1136133	37.40	ng		96
77) Benzidine	12.627	184	371080	58.48	ng		98
78) Pyrene	12.733	202	1141885	42.86	ng		99
80) Butylbenzylphthalate	13.357	149	447271	47.58	ng		94
81) Benzo(a)anthracene	13.921	228	769456	38.22	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	81919	14.33	ng	#	98
83) Chrysene	13.962	228	763154	39.32	ng		99
84) Bis(2-ethylhexyl)phtha...	13.915	149	514851	45.98	ng		98
85) Di-n-octyl phthalate	14.527	149	685980	44.32	ng		99
87) Indeno(1,2,3-cd)pyrene	16.792	276	731515	45.97	ng	#	96
88) Benzo(b)fluoranthene	14.957	252	649059	41.01	ng		99
89) Benzo(k)fluoranthene	14.986	252	556501	38.11	ng		97
90) Benzo(a)pyrene	15.309	252	580155	42.01	ng	#	96
91) Dibenzo(a,h)anthracene	16.803	278	611275	44.84	ng		97
92) Benzo(g,h,i)perylene	17.221	276	594626	41.10	ng	#	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123891.D
Acq On : 10 May 2021 18:58
Operator : JU/CG
Sample : PB136256BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 11 03:36:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 16:46:01 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations APPROVED
mohammad
5/11/2021 4:16:10 PM