Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124037.D
Acq On : 24 May 2021 14:55
Operator : JU/CG
Sample : PB136602BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136602BS

Manual Integrations APPROVED
mohammad
5/25/2021 11:17:55 AM

Quant Time: May 24 15:25:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	69303	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	272996	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	154616	20.00	ng		-0.01
64) Phenanthrene-d10	11.421	188	280396	20.00	ng		0.00
76) Chrysene-d12	14.068	240	186679	20.00	ng		0.00
86) Perylene-d12	15.556	264	140393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	578518	117.20	ng		0.02
7) Phenol-d6	6.528	99	711623	111.14	ng		0.00
23) Nitrobenzene-d5	7.463	82	527300	83.22	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	233353	125.66	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	924018	73.54	ng		0.00
79) Terphenyl-d14	13.010	244	1014649	82.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	75537	34.85	ng		99
3) Pyridine	3.563	79	191689	34.26	ng		96
4) n-Nitrosodimethylamine	3.528	42	150085	41.30	ng		85
6) Aniline	6.557	93	219891	30.25	ng		93
8) 2-Chlorophenol	6.681	128	222444	43.30	ng		96
9) Benzaldehyde	6.445	77	155416	56.09	ng		97
10) Phenol	6.539	94	276122	42.67	ng		90
11) bis(2-Chloroethyl)ether	6.628	93	216427	43.03	ng		94
12) 1,3-Dichlorobenzene	6.833	146	251045	41.95	ng		94
13) 1,4-Dichlorobenzene	6.910	146	258108	42.16	ng		95
14) 1,2-Dichlorobenzene	7.063	146	243845	42.62	ng		98
15) Benzyl Alcohol	7.039	79	223899	40.48	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	417928	41.27	ng		97
17) 2-Methylphenol	7.145	107	181419	43.55	ng		93
18) Hexachloroethane	7.404	117	101336	44.66	ng		92
19) n-Nitroso-di-n-propyla...	7.310	70	181662	41.99	ng		99
20) 3+4-Methylphenols	7.298	107	237508	43.29	ng		92
22) Acetophenone	7.304	105	325238	41.95	ng	#	88
24) Nitrobenzene	7.481	77	267426	41.28	ng		97
25) Isophorone	7.716	82	453146	37.18	ng		97
26) 2-Nitrophenol	7.792	139	118179	48.49	ng		100
27) 2,4-Dimethylphenol	7.828	122	197198	42.26	ng		93
28) bis(2-Chloroethoxy)met...	7.928	93	265098	43.25	ng		98
29) 2,4-Dichlorophenol	8.033	162	190530	40.34	ng		94
30) 1,2,4-Trichlorobenzene	8.116	180	211095	39.75	ng		98
31) Naphthalene	8.198	128	631114	39.06	ng		99
32) Benzoic acid	7.969	122	90559	35.36	ng		90
33) 4-Chloroaniline	8.239	127	62923	10.23	ng		96
34) Hexachlorobutadiene	8.316	225	140943	40.54	ng		99
35) Caprolactam	8.627	113	56063m	43.59	ng		
36) 4-Chloro-3-methylphenol	8.727	107	212599	41.16	ng		92
37) 2-Methylnaphthalene	8.892	142	433881	39.62	ng		98
38) 1-Methylnaphthalene	8.992	142	401942	39.34	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	226159	40.55	ng		96
41) Hexachlorocyclopentadiene	9.045	237	308748	87.05	ng		95
43) 2,4,6-Trichlorophenol	9.169	196	137457	37.99	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124037.D
Acq On : 24 May 2021 14:55
Operator : JU/CG
Sample : PB136602BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136602BS

Manual Integrations APPROVED
mohammad
5/25/2021 11:17:55 AM

Quant Time: May 24 15:25:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	143850	38.27	ng	94
46) 1,1'-Biphenyl	9.357	154	547312	40.19	ng	97
47) 2-Chloronaphthalene	9.380	162	408465	37.76	ng	97
48) 2-Nitroaniline	9.474	65	157246	43.05	ng	96
49) Acenaphthylene	9.798	152	631333	39.50	ng	98
50) Dimethylphthalate	9.663	163	505708	40.96	ng	99
51) 2,6-Dinitrotoluene	9.722	165	108819	43.58	ng	85
52) Acenaphthene	9.969	154	466881m	42.68	ng	
53) 3-Nitroaniline	9.886	138	56377	22.72	ng	93
54) 2,4-Dinitrophenol	9.998	184	109968	81.76	ng	91
55) Dibenzofuran	10.145	168	593030	37.74	ng	99
56) 4-Nitrophenol	10.057	139	169986	82.82	ng	93
57) 2,4-Dinitrotoluene	10.127	165	151184	49.37	ng	96
58) Fluorene	10.486	166	464010	39.19	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.263	232	125610	40.64	ng	93
60) Diethylphthalate	10.357	149	504654	41.27	ng	98
61) 4-Chlorophenyl-phenyle...	10.474	204	237600	40.04	ng	97
62) 4-Nitroaniline	10.510	138	109139	44.22	ng	91
63) Azobenzene	10.639	77	526103	38.69	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	76038	42.76	ng	83
66) n-Nitrosodiphenylamine	10.598	169	404262	37.73	ng	96
67) 4-Bromophenyl-phenylether	10.969	248	148859	40.40	ng	95
68) Hexachlorobenzene	11.033	284	164819	40.06	ng	96
69) Atrazine	11.121	200	145093	47.95	ng	98
70) Pentachlorophenol	11.227	266	178639	73.25	ng	98
71) Phenanthrene	11.451	178	684001	38.49	ng	98
72) Anthracene	11.504	178	707236	39.27	ng	98
73) Carbazole	11.651	167	576582	36.60	ng	96
74) Di-n-butylphthalate	11.980	149	779232	39.52	ng	98
75) Fluoranthene	12.639	202	705015	38.31	ng	99
77) Benzidine	12.757	184	263611m	58.52	ng	
78) Pyrene	12.868	202	700453	42.26	ng	98
80) Butylbenzylphthalate	13.486	149	298247	45.89	ng	94
81) Benzo(a)anthracene	14.057	228	532839	39.47	ng	97
82) 3,3'-Dichlorobenzidine	14.015	252	96491	23.01	ng	97
83) Chrysene	14.098	228	517194	39.83	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	402043	43.84	ng	98
85) Di-n-octyl phthalate	14.656	149	590063	42.56	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	412505	38.05	ng	96
88) Benzo(b)fluoranthene	15.121	252	447288	41.19	ng	98
89) Benzo(k)fluoranthene	15.151	252	415249	41.95	ng	99
90) Benzo(a)pyrene	15.498	252	402788	42.90	ng	97
91) Dibenzo(a,h)anthracene	17.086	278	347521	38.06	ng	99
92) Benzo(g,h,i)perylene	17.521	276	339141	37.04	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124037.D
Acq On : 24 May 2021 14:55
Operator : JU/CG
Sample : PB136602BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 24 15:25:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB136602BS

Manual Integrations APPROVED
mohammad
5/25/2021 11:17:55 AM