Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125151.D
Acq On : 23 Aug 2021 12:36
Operator : JU/CG
Sample : PB138593BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138593BS

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:42 AM

Quant Time: Aug 23 13:41:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	165069	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	632457	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	323206	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	555208	20.000	ng	0.00
76) Chrysene-d12	14.098	240	346415	20.000	ng	# 0.00
86) Perylene-d12	15.598	264	325889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1204755	110.470	ng	0.01
7) Phenol-d6	6.551	99	1480179	104.943	ng	0.00
23) Nitrobenzene-d5	7.487	82	1012056	80.560	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	425852	131.994	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1717615	74.067	ng	0.00
79) Terphenyl-d14	13.039	244	1750747	80.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	184696	34.321	ng	# 100
3) Pyridine	3.581	79	435316	30.643	ng	89
4) n-Nitrosodimethylamine	3.540	42	304706	42.863	ng	# 48
6) Aniline	6.587	93	690831	41.697	ng	# 93
8) 2-Chlorophenol	6.710	128	473645	42.574	ng	83
9) Benzaldehyde	6.475	77	371208	37.501	ng	91
10) Phenol	6.563	94	623153	42.188	ng	95
11) bis(2-Chloroethyl)ether	6.657	93	498095	42.818	ng	85
12) 1,3-Dichlorobenzene	6.863	146	529587	41.079	ng	94
13) 1,4-Dichlorobenzene	6.940	146	544477	42.386	ng	96
14) 1,2-Dichlorobenzene	7.093	146	517988	42.861	ng	98
15) Benzyl Alcohol	7.063	79	443456	40.835	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	990854	42.472	ng	98
17) 2-Methylphenol	7.175	107	389160	41.641	ng	96
18) Hexachloroethane	7.440	117	197363	43.876	ng	# 84
19) n-Nitroso-di-n-propyla...	7.340	70	353855	41.710	ng	# 82
20) 3+4-Methylphenols	7.322	107	465118	39.648	ng	91
22) Acetophenone	7.334	105	668236	41.054	ng	93
24) Nitrobenzene	7.504	77	562029	41.058	ng	# 87
25) Isophorone	7.745	82	975326	40.244	ng	# 89
26) 2-Nitrophenol	7.822	139	255285	46.704	ng	# 82
27) 2,4-Dimethylphenol	7.857	122	444446	46.446	ng	88
28) bis(2-Chloroethoxy)met...	7.951	93	589716	43.948	ng	# 97
29) 2,4-Dichlorophenol	8.063	162	400560	41.046	ng	97
30) 1,2,4-Trichlorobenzene	8.145	180	442442	41.576	ng	95
31) Naphthalene	8.234	128	1272840	39.297	ng	99
32) Benzoic acid	7.975	122	290739	44.765	ng	86
33) 4-Chloroaniline	8.275	127	425991	33.361	ng	# 91
34) Hexachlorobutadiene	8.345	225	285663	42.099	ng	99
35) Caprolactam	8.645	113	123782m	48.970	ng	
36) 4-Chloro-3-methylphenol	8.751	107	428843	43.045	ng	90
37) 2-Methylnaphthalene	8.922	142	869568	40.627	ng	100
38) 1-Methylnaphthalene	9.022	142	799878	40.019	ng	97
40) 1,2,4,5-Tetrachloroben...	9.087	216	423510	40.106	ng	99
41) Hexachlorocyclopentadiene	9.075	237	545121	98.257	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	299954	40.342	ng	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125151.D
Acq On : 23 Aug 2021 12:36
Operator : JU/CG
Sample : PB138593BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138593BS

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:42 AM

Quant Time: Aug 23 13:41:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	329777	42.158	ng		94
46) 1,1'-Biphenyl	9.386	154	1005239	38.578	ng		99
47) 2-Chloronaphthalene	9.410	162	836458	39.502	ng		99
48) 2-Nitroaniline	9.504	65	304602	46.406	ng	#	82
49) Acenaphthylene	9.828	152	1244451	40.331	ng		98
50) Dimethylphthalate	9.686	163	970596	43.334	ng	#	98
51) 2,6-Dinitrotoluene	9.745	165	211558	43.560	ng	#	81
52) Acenaphthene	9.998	154	844398	44.144	ng		98
53) 3-Nitroaniline	9.916	138	186067	35.526	ng		82
54) 2,4-Dinitrophenol	10.022	184	212081	110.551	ng	#	83
55) Dibenzofuran	10.175	168	1064519	38.669	ng		98
56) 4-Nitrophenol	10.075	139	353412	85.210	ng	#	80
57) 2,4-Dinitrotoluene	10.151	165	278254	47.338	ng	#	96
58) Fluorene	10.516	166	819472	40.264	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	252579	43.510	ng	#	87
60) Diethylphthalate	10.386	149	943843	43.225	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	424376	41.240	ng		89
62) 4-Nitroaniline	10.533	138	217990	46.285	ng	#	82
63) Azobenzene	10.663	77	965484	39.421	ng		92
65) 4,6-Dinitro-2-methylph...	10.557	198	138435	47.111	ng		99
66) n-Nitrosodiphenylamine	10.622	169	792239	39.851	ng		97
67) 4-Bromophenyl-phenylether	10.998	248	284719	42.705	ng	#	89
68) Hexachlorobenzene	11.063	284	301959	44.026	ng	#	86
69) Atrazine	11.151	200	269327	47.212	ng		92
70) Pentachlorophenol	11.257	266	344365	85.989	ng		90
71) Phenanthrene	11.480	178	1220314	39.890	ng		97
72) Anthracene	11.533	178	1242441	41.204	ng		99
73) Carbazole	11.680	167	1086712	39.438	ng		99
74) Di-n-butylphthalate	12.010	149	1398060	42.755	ng		100
75) Fluoranthene	12.669	202	1244772	41.007	ng		97
77) Benzidine	12.786	184	812305	67.141	ng		98
78) Pyrene	12.898	202	1242002	41.796	ng		97
80) Butylbenzylphthalate	13.510	149	533268	45.671	ng		88
81) Benzo(a)anthracene	14.086	228	1027283	41.158	ng		100
82) 3,3'-Dichlorobenzidine	14.045	252	332933	43.032	ng		98
83) Chrysene	14.121	228	1021592	41.387	ng		98
84) Bis(2-ethylhexyl)phtha...	14.069	149	724563	45.149	ng	#	100
85) Di-n-octyl phthalate	14.686	149	1178974	44.171	ng		100
87) Indeno(1,2,3-cd)pyrene	17.121	276	1058715	45.095	ng	#	90
88) Benzo(b)fluoranthene	15.157	252	982204	41.254	ng	#	93
89) Benzo(k)fluoranthene	15.186	252	928951	41.812	ng		99
90) Benzo(a)pyrene	15.533	252	932169	44.323	ng	#	96
91) Dibenzo(a,h)anthracene	17.145	278	892606	43.983	ng	#	94
92) Benzo(g,h,i)perylene	17.586	276	891754	45.573	ng	#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125151.D
Acq On : 23 Aug 2021 12:36
Operator : JU/CG
Sample : PB138593BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 23 13:41:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB138593BS

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:42 AM