Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125149.D
Acq On : 23 Aug 2021 10:49
Operator : JU/CG
Sample : PB138531BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138531BS

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:40 AM

Quant Time: Aug 23 12:15:41 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	164334	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	631878	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	323491	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	557236	20.000	ng	0.00
76) Chrysene-d12	14.098	240	338669	20.000	ng	# 0.00
86) Perylene-d12	15.598	264	307641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1209472	111.398	ng	0.01
7) Phenol-d6	6.551	99	1466668	104.450	ng	0.00
23) Nitrobenzene-d5	7.492	82	1005142	80.083	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	424733	131.531	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1711795	73.751	ng	0.00
79) Terphenyl-d14	13.039	244	1750554	82.346	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	186684	34.846	ng	# 100
3) Pyridine	3.581	79	440162	31.122	ng	89
4) n-Nitrosodimethylamine	3.540	42	306580	43.320	ng	# 52
6) Aniline	6.587	93	705728	42.787	ng	# 94
8) 2-Chlorophenol	6.710	128	475843	42.962	ng	83
9) Benzaldehyde	6.475	77	372669	37.817	ng	91
10) Phenol	6.563	94	624303	42.455	ng	93
11) bis(2-Chloroethyl)ether	6.657	93	493277	42.593	ng	# 82
12) 1,3-Dichlorobenzene	6.869	146	529210	41.233	ng	97
13) 1,4-Dichlorobenzene	6.945	146	537954	42.065	ng	99
14) 1,2-Dichlorobenzene	7.092	146	513082	42.645	ng	98
15) Benzyl Alcohol	7.063	79	450456	41.665	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1004147	43.235	ng	98
17) 2-Methylphenol	7.175	107	392468	42.183	ng	95
18) Hexachloroethane	7.440	117	195582	43.674	ng	# 84
19) n-Nitroso-di-n-propyla...	7.340	70	351187	41.581	ng	# 79
20) 3+4-Methylphenols	7.322	107	460407	39.421	ng	94
22) Acetophenone	7.334	105	666315	40.973	ng	92
24) Nitrobenzene	7.510	77	559028	40.876	ng	89
25) Isophorone	7.745	82	974993	40.268	ng	# 89
26) 2-Nitrophenol	7.822	139	248435	45.493	ng	# 80
27) 2,4-Dimethylphenol	7.857	122	434115	45.408	ng	89
28) bis(2-Chloroethoxy)met...	7.951	93	591717	44.137	ng	# 97
29) 2,4-Dichlorophenol	8.063	162	395873	40.603	ng	95
30) 1,2,4-Trichlorobenzene	8.151	180	441908	41.564	ng	92
31) Naphthalene	8.234	128	1281846	39.611	ng	99
32) Benzoic acid	7.975	122	273741	42.186	ng	# 85
33) 4-Chloroaniline	8.275	127	431256	33.804	ng	# 91
34) Hexachlorobutadiene	8.345	225	282200	41.626	ng	99
35) Caprolactam	8.651	113	123118m	48.752	ng	
36) 4-Chloro-3-methylphenol	8.751	107	426493	42.849	ng	90
37) 2-Methylnaphthalene	8.922	142	871302	40.745	ng	99
38) 1-Methylnaphthalene	9.022	142	807977	40.462	ng	97
40) 1,2,4,5-Tetrachloroben...	9.086	216	431063	40.786	ng	98
41) Hexachlorocyclopentadiene	9.075	237	539345	97.130	ng	97
43) 2,4,6-Trichlorophenol	9.198	196	306007	41.120	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125149.D
Acq On : 23 Aug 2021 10:49
Operator : JU/CG
Sample : PB138531BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138531BS

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:40 AM

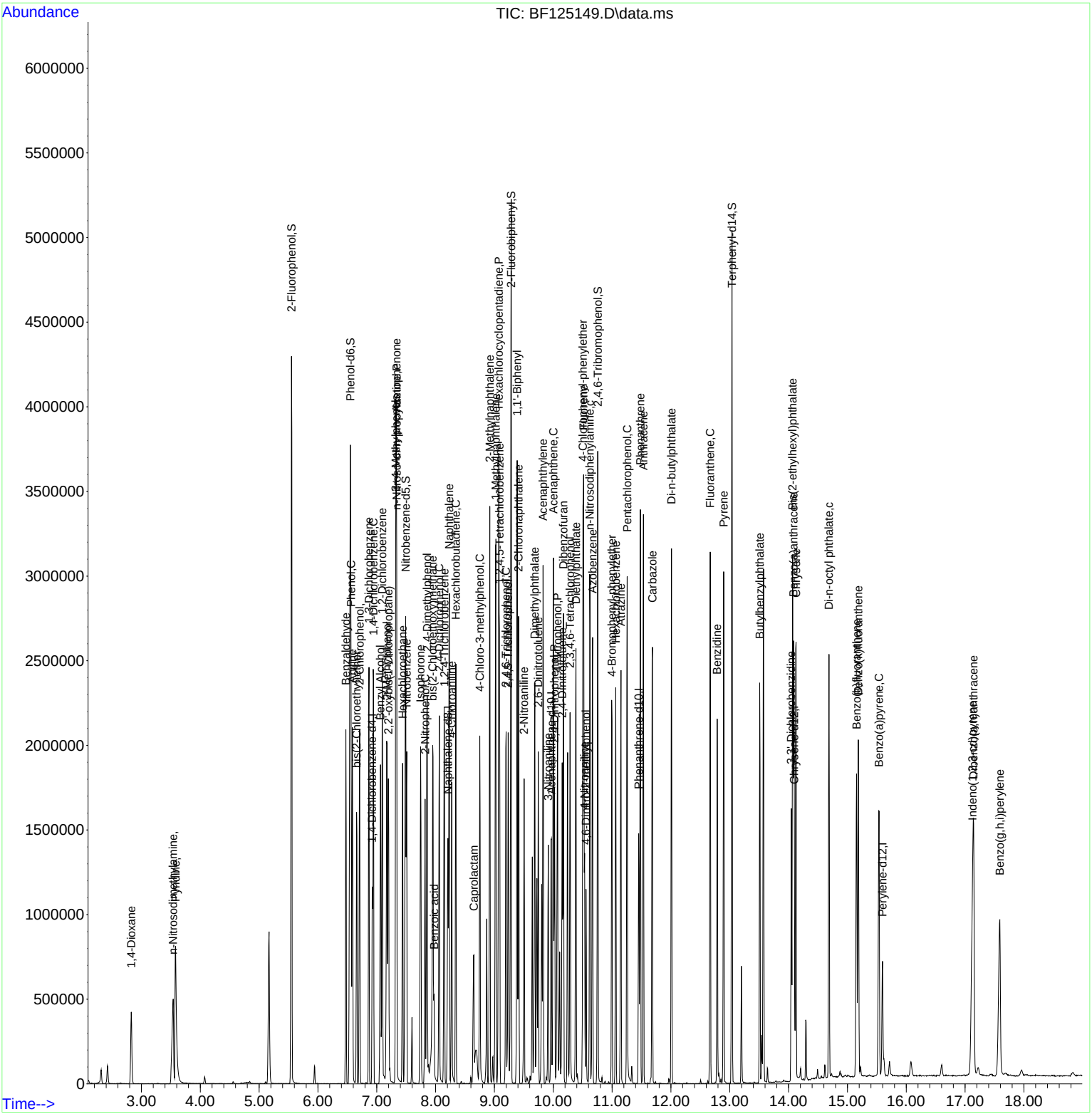
Quant Time: Aug 23 12:15:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	315928	40.352	ng		96
46) 1,1'-Biphenyl	9.386	154	997047	38.230	ng		99
47) 2-Chloronaphthalene	9.410	162	834859	39.392	ng		99
48) 2-Nitroaniline	9.504	65	302152	45.992	ng	#	81
49) Acenaphthylene	9.828	152	1256190	40.676	ng		98
50) Dimethylphthalate	9.686	163	949156	42.340	ng	#	97
51) 2,6-Dinitrotoluene	9.745	165	211331	43.475	ng	#	79
52) Acenaphthene	10.004	154	843743	44.071	ng		99
53) 3-Nitroaniline	9.916	138	186323	35.544	ng	#	78
54) 2,4-Dinitrophenol	10.022	184	200698	104.526	ng	#	82
55) Dibenzofuran	10.175	168	1062218	38.552	ng		98
56) 4-Nitrophenol	10.075	139	347492	83.709	ng	#	78
57) 2,4-Dinitrotoluene	10.151	165	275604	46.846	ng	#	96
58) Fluorene	10.516	166	813308	39.926	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	251581	43.300	ng	#	86
60) Diethylphthalate	10.386	149	939395	42.984	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	427989	41.555	ng		90
62) 4-Nitroaniline	10.533	138	217291	46.096	ng	#	84
63) Azobenzene	10.669	77	959123	39.126	ng		93
65) 4,6-Dinitro-2-methylph...	10.557	198	131082	44.446	ng		95
66) n-Nitrosodiphenylamine	10.622	169	802301	40.210	ng		97
67) 4-Bromophenyl-phenylether	10.998	248	286910	42.877	ng		90
68) Hexachlorobenzene	11.063	284	300706	43.684	ng	#	87
69) Atrazine	11.151	200	264962	46.278	ng		92
70) Pentachlorophenol	11.257	266	339584	84.487	ng		91
71) Phenanthrene	11.480	178	1236875	40.284	ng		98
72) Anthracene	11.533	178	1252703	41.393	ng		99
73) Carbazole	11.686	167	1088391	39.355	ng		99
74) Di-n-butylphthalate	12.010	149	1385622	42.221	ng		99
75) Fluoranthene	12.669	202	1247757	40.956	ng		98
77) Benzidine	12.786	184	806592	68.194	ng		97
78) Pyrene	12.898	202	1263465	43.491	ng		97
80) Butylbenzylphthalate	13.510	149	528565	46.304	ng		88
81) Benzo(a)anthracene	14.086	228	1004591	41.169	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	326813	43.207	ng		99
83) Chrysene	14.127	228	998372	41.372	ng		98
84) Bis(2-ethylhexyl)phtha...	14.069	149	710455	45.283	ng		99
85) Di-n-octyl phthalate	14.686	149	1117562	42.828	ng		99
87) Indeno(1,2,3-cd)pyrene	17.127	276	1021556	46.093	ng	#	90
88) Benzo(b)fluoranthene	15.157	252	927567	41.270	ng	#	94
89) Benzo(k)fluoranthene	15.186	252	896632	42.751	ng		99
90) Benzo(a)pyrene	15.539	252	879102	44.279	ng	#	95
91) Dibenzo(a,h)anthracene	17.145	278	860879	44.936	ng	#	94
92) Benzo(g,h,i)perylene	17.592	276	885788	47.953	ng	#	85

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125149.D
Acq On : 23 Aug 2021 10:49
Operator : JU/CG
Sample : PB138531BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 23 12:15:41 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 :
PB138531BS

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:40 AM