

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
 Data File : BM038776.D
 Acq On : 17 Feb 2023 15:45
 Operator : CG/JU
 Sample : PB150890BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150890BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 17 23:19:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 23:12:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	67183	20.000	ng	-0.03
21) Naphthalene-d8	10.692	136	236226	20.000	ng	-0.03
39) Acenaphthene-d10	14.533	164	137908	20.000	ng	-0.03
64) Phenanthrene-d10	17.280	188	244496	20.000	ng	#-0.02
76) Chrysene-d12	21.468	240	190405	20.000	ng	-0.02
86) Perylene-d12	23.856	264	210605	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	364214	106.197	ng	-0.03
7) Phenol-d6	7.063	99	421312	107.709	ng	-0.02
23) Nitrobenzene-d5	9.057	82	250855	60.318	ng	-0.04
42) 2,4,6-Tribromophenol	16.027	330	172735	92.151	ng	-0.03
45) 2-Fluorobiphenyl	13.157	172	690170	63.713	ng	-0.03
79) Terphenyl-d14	19.903	244	754178	69.897	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	49247	32.572	ng	92
3) Pyridine	3.693	79	112909	31.405	ng	94
4) n-Nitrosodimethylamine	3.604	42	55391	34.127	ng	80
6) Aniline	7.210	93	184127	37.736	ng	93
8) 2-Chlorophenol	7.445	128	174281	46.570	ng	95
9) Benzaldehyde	7.022	77	78094	45.297	ng	89
10) Phenol	7.087	94	183360	46.401	ng	92
11) bis(2-Chloroethyl)ether	7.310	93	138726	43.349	ng	96
12) 1,3-Dichlorobenzene	7.763	146	208587	43.624	ng	99
13) 1,4-Dichlorobenzene	7.916	146	211458	43.820	ng	98
14) 1,2-Dichlorobenzene	8.233	146	205084	44.363	ng	98
15) Benzyl Alcohol	8.134	79	118909	41.302	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.422	45	111440	36.764	ng	93
17) 2-Methylphenol	8.339	107	129979	42.882	ng	97
18) Hexachloroethane	8.957	117	71606	45.948	ng	95
19) n-Nitroso-di-n-propyla...	8.698	70	97097	41.182	ng	94
20) 3+4-Methylphenols	8.675	107	172679	42.729	ng	95
22) Acetophenone	8.722	105	228850	40.623	ng	# 94
24) Nitrobenzene	9.104	77	156985	37.189	ng	# 87
25) Isophorone	9.628	82	272072	37.344	ng	97
26) 2-Nitrophenol	9.810	139	97919	41.687	ng	97
27) 2,4-Dimethylphenol	9.875	122	145217	42.849	ng	98
28) bis(2-Chloroethoxy)met...	10.110	93	173318	38.927	ng	99
29) 2,4-Dichlorophenol	10.351	162	177339	36.832	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	183597	35.847	ng	98
31) Naphthalene	10.745	128	498244	41.102	ng	98
32) Benzoic acid	10.045	122	103414	37.695	ng	91
33) 4-Chloroaniline	10.869	127	83433	15.705	ng	# 94
34) Hexachlorobutadiene	11.016	225	102209	39.837	ng	97
35) Caprolactam	11.680	113	37527m	36.190	ng	
36) 4-Chloro-3-methylphenol	12.004	107	132093	37.102	ng	97
37) 2-Methylnaphthalene	12.357	142	362232	36.978	ng	99
38) 1-Methylnaphthalene	12.574	142	331527	35.916	ng	99
40) 1,2,4,5-Tetrachloroben...	12.721	216	161510	45.000	ng	98
41) Hexachlorocyclopentadiene	12.692	237	252186	113.232	ng	100
43) 2,4,6-Trichlorophenol	12.974	196	117282	41.595	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
 Data File : BM038776.D
 Acq On : 17 Feb 2023 15:45
 Operator : CG/JU
 Sample : PB150890BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150890BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 17 23:19:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 23:12:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	124866	37.632	ng	93
46) 1,1'-Biphenyl	13.368	154	481837	44.107	ng	98
47) 2-Chloronaphthalene	13.410	162	377828	43.953	ng	96
48) 2-Nitroaniline	13.627	65	71993	37.602	ng	94
49) Acenaphthylene	14.257	152	571488	42.209	ng	98
50) Dimethylphthalate	13.998	163	433836	38.549	ng	100
51) 2,6-Dinitrotoluene	14.127	165	89006	38.912	ng	96
52) Acenaphthene	14.598	154	333325	41.230	ng	99
53) 3-Nitroaniline	14.457	138	63675	27.325	ng	97
54) 2,4-Dinitrophenol	14.674	184	109828	73.768	ng	# 87
55) Dibenzofuran	14.933	168	528139	37.936	ng	95
56) 4-Nitrophenol	14.780	139	149248	81.356	ng	92
57) 2,4-Dinitrotoluene	14.915	165	122739	36.761	ng	# 98
58) Fluorene	15.580	166	425046	38.587	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.162	232	91765	39.736	ng	97
60) Diethylphthalate	15.357	149	423110	39.686	ng	97
61) 4-Chlorophenyl-phenyle...	15.574	204	187597	40.144	ng	97
62) 4-Nitroaniline	15.621	138	87096m	35.926	ng	
63) Azobenzene	15.868	77	323635	39.455	ng	96
65) 4,6-Dinitro-2-methylph...	15.680	198	60667	39.416	ng	95
66) n-Nitrosodiphenylamine	15.798	169	341671	42.799	ng	98
67) 4-Bromophenyl-phenylether	16.468	248	107152	45.389	ng	95
68) Hexachlorobenzene	16.580	284	132888	46.059	ng	90
69) Atrazine	16.751	200	108747	46.999	ng	98
70) Pentachlorophenol	16.933	266	156728	74.518	ng	98
71) Phenanthrene	17.327	178	588027	40.505	ng	99
72) Anthracene	17.415	178	594033	39.998	ng	99
73) Carbazole	17.692	167	548329	39.588	ng	97
74) Di-n-butylphthalate	18.245	149	683545	43.680	ng	100
75) Fluoranthene	19.339	202	583839	38.303	ng	99
77) Benzidine	19.533	184	340619	58.795	ng	97
78) Pyrene	19.703	202	605229	41.286	ng	100
80) Butylbenzylphthalate	20.597	149	287788	39.781	ng	99
81) Benzo(a)anthracene	21.450	228	553595	41.102	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	166340	35.898	ng	96
83) Chrysene	21.503	228	516825	39.826	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	413668	39.236	ng	99
85) Di-n-octyl phthalate	22.286	149	693493	40.190	ng	99
87) Indeno(1,2,3-cd)pyrene	26.344	276	755008	45.514	ng	99
88) Benzo(b)fluoranthene	23.127	252	573205	45.441	ng	100
89) Benzo(k)fluoranthene	23.174	252	569426	44.453	ng	99
90) Benzo(a)pyrene	23.750	252	496720	39.819	ng	98
91) Dibenzo(a,h)anthracene	26.356	278	631908	45.277	ng	100
92) Benzo(g,h,i)perylene	27.103	276	590911	41.885	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038776.D
Acq On : 17 Feb 2023 15:45
Operator : CG/JU
Sample : PB150890BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB150890BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 17 23:19:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 23:12:31 2023
Response via : Initial Calibration

