Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
Data File : BM041325.D
Acq On : 08 Aug 2023 11:24
Operator : MA/JU
Sample : PB154641BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 09 01:13:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 17:25:06 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154641BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	161541	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	650947	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	384437	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	778553	20.000	ng		0.00
76) Chrysene-d12	21.421	240	709972	20.000	ng		0.00
86) Perylene-d12	23.786	264	781818	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1170747	108.318	ng		0.00
7) Phenol-d6	6.969	99	1480591	105.679	ng		0.00
23) Nitrobenzene-d5	8.963	82	961180	68.668	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	605060	111.272	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	2074973	68.183	ng		0.00
79) Terphenyl-d14	19.851	244	3098114	78.898	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	121987	26.383	ng		95
3) Pyridine	3.658	79	317196	26.091	ng		97
4) n-Nitrosodimethylamine	3.575	42	186863	33.233	ng		96
6) Aniline	7.122	93	541845	33.047	ng		98
8) 2-Chlorophenol	7.346	128	426862	40.455	ng		99
9) Benzaldehyde	6.934	77	259012m	35.036	ng		
10) Phenol	6.999	94	543060	40.133	ng		98
11) bis(2-Chloroethyl)ether	7.222	93	419358	38.286	ng		97
12) 1,3-Dichlorobenzene	7.669	146	458894	39.953	ng		99
13) 1,4-Dichlorobenzene	7.816	146	473760	41.038	ng		100
14) 1,2-Dichlorobenzene	8.134	146	450897	40.735	ng		99
15) Benzyl Alcohol	8.040	79	397708	44.950	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.310	45	523227	35.852	ng		98
17) 2-Methylphenol	8.245	107	356697	38.584	ng		98
18) Hexachloroethane	8.851	117	179510	41.767	ng		92
19) n-Nitroso-di-n-propyla...	8.604	70	340470	40.009	ng		97
20) 3+4-Methylphenols	8.575	107	478426	38.705	ng		98
22) Acetophenone	8.622	105	642208	37.251	ng	#	99
24) Nitrobenzene	9.004	77	507971	35.885	ng		98
25) Isophorone	9.528	82	899157	37.842	ng		99
26) 2-Nitrophenol	9.710	139	231994	41.924	ng		96
27) 2,4-Dimethylphenol	9.775	122	354021	36.357	ng		97
28) bis(2-Chloroethoxy)met...	10.016	93	539705	36.261	ng		100
29) 2,4-Dichlorophenol	10.245	162	401383	40.875	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	439868	40.544	ng		98
31) Naphthalene	10.639	128	1273223	36.044	ng		99
32) Benzoic acid	9.963	122	278509	39.561	ng		97
33) 4-Chloroaniline	10.769	127	378292	26.797	ng		98
34) Hexachlorobutadiene	10.910	225	280899	43.049	ng		100
35) Caprolactam	11.592	113	114021	40.139	ng		94
36) 4-Chloro-3-methylphenol	11.904	107	407961	39.472	ng		99
37) 2-Methylnaphthalene	12.257	142	854400	35.877	ng		98
38) 1-Methylnaphthalene	12.481	142	820860	36.828	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	481622	38.582	ng		98
41) Hexachlorocyclopentadiene	12.592	237	539343	81.667	ng		98
43) 2,4,6-Trichlorophenol	12.881	196	322104	40.258	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
Data File : BM041325.D
Acq On : 08 Aug 2023 11:24
Operator : MA/JU
Sample : PB154641BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB154641BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:13:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 17:25:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	345497	37.309	ng		98
46) 1,1'-Biphenyl	13.280	154	1115020	35.777	ng		99
47) 2-Chloronaphthalene	13.322	162	875470	37.621	ng		98
48) 2-Nitroaniline	13.551	65	276139	37.175	ng		97
49) Acenaphthylene	14.175	152	1389788	37.001	ng		100
50) Dimethylphthalate	13.922	163	1065237	36.837	ng		99
51) 2,6-Dinitrotoluene	14.051	165	232403	38.787	ng		98
52) Acenaphthene	14.516	154	793198	35.055	ng		100
53) 3-Nitroaniline	14.386	138	203702	30.379	ng		94
54) 2,4-Dinitrophenol	14.604	184	312360	77.401	ng	#	88
55) Dibenzofuran	14.851	168	1301767	35.261	ng		99
56) 4-Nitrophenol	14.704	139	377136	75.522	ng		96
57) 2,4-Dinitrotoluene	14.845	165	316611	37.613	ng		94
58) Fluorene	15.504	166	1038713	35.665	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	298578	39.816	ng		97
60) Diethylphthalate	15.286	149	1048799	37.504	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	545240	37.360	ng		99
62) 4-Nitroaniline	15.557	138	213890	34.725	ng		97
63) Azobenzene	15.798	77	1075757	35.118	ng		97
65) 4,6-Dinitro-2-methylph...	15.610	198	190768	40.447	ng		91
66) n-Nitrosodiphenylamine	15.721	169	875916	36.175	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	329612	38.613	ng		98
68) Hexachlorobenzene	16.510	284	387484	40.822	ng		96
69) Atrazine	16.686	200	316533	49.778	ng		99
70) Pentachlorophenol	16.863	266	443771	67.517	ng		98
71) Phenanthrene	17.257	178	1566072	36.204	ng		100
72) Anthracene	17.345	178	1566025	36.605	ng		100
73) Carbazole	17.627	167	1423259	36.756	ng		99
74) Di-n-butylphthalate	18.186	149	1800889	41.157	ng		100
75) Fluoranthene	19.280	202	1819463	37.439	ng		99
77) Benzidine	19.480	184	936930	96.822	ng		100
78) Pyrene	19.645	202	1898246	38.233	ng		100
80) Butylbenzylphthalate	20.551	149	802051	44.236	ng		95
81) Benzo(a)anthracene	21.403	228	1860749	38.661	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	667746	42.517	ng		99
83) Chrysene	21.456	228	1713121	36.799	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1180912	41.383	ng		98
85) Di-n-octyl phthalate	22.239	149	2008839	43.839	ng		96
87) Indeno(1,2,3-cd)pyrene	26.244	276	2105003	36.621	ng		96
88) Benzo(b)fluoranthene	23.068	252	1877088	40.415	ng		98
89) Benzo(k)fluoranthene	23.115	252	1773696	37.334	ng		99
90) Benzo(a)pyrene	23.686	252	1620048	36.302	ng		98
91) Dibenzo(a,h)anthracene	26.250	278	1790246	37.341	ng		97
92) Benzo(g,h,i)perylene	26.991	276	1660168	35.389	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
Data File : BM041325.D
Acq On : 08 Aug 2023 11:24
Operator : MA/JU
Sample : PB154641BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 09 01:13:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 17:25:06 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154641BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023