Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041917.D
Acq On : 19 Sep 2023 23:52
Operator : MA/JU
Sample : PB155480BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 20 02:13:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB155480BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	306010	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1259527	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	753047	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	1503191	20.000	ng		0.00
76) Chrysene-d12	21.539	240	1191248	20.000	ng		0.00
86) Perylene-d12	23.951	264	1161950	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	2913469	158.579	ng		0.00
7) Phenol-d6	7.116	99	3797077	148.850	ng		0.00
23) Nitrobenzene-d5	9.158	82	2354508	95.179	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	1359849	144.730	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	4949931	96.479	ng		0.00
79) Terphenyl-d14	19.969	244	6962343	106.447	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	281559	37.572	ng		99
3) Pyridine	3.817	79	800068	34.368	ng		99
4) n-Nitrosodimethylamine	3.740	42	522869	47.253	ng		97
6) Aniline	7.305	93	1322442	39.130	ng		100
8) 2-Chlorophenol	7.522	128	1102268	53.888	ng		98
9) Benzaldehyde	7.122	77	355901	24.678	ng		97
10) Phenol	7.140	94	1409484	53.829	ng		100
11) bis(2-Chloroethyl)ether	7.399	93	1052017	48.166	ng		99
12) 1,3-Dichlorobenzene	7.846	146	1083700	49.619	ng		99
13) 1,4-Dichlorobenzene	7.999	146	1112719	50.140	ng		99
14) 1,2-Dichlorobenzene	8.310	146	1071854	50.247	ng		100
15) Benzyl Alcohol	8.216	79	997039	49.508	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1606963	48.107	ng		98
17) 2-Methylphenol	8.399	107	928414	48.761	ng		99
18) Hexachloroethane	9.034	117	407547	48.857	ng		98
19) n-Nitroso-di-n-propyla...	8.781	70	872940	46.035	ng		99
20) 3+4-Methylphenols	8.728	107	1249075	47.794	ng		98
22) Acetophenone	8.810	105	1580157	50.186	ng	#	100
24) Nitrobenzene	9.199	77	1234047	50.259	ng		99
25) Isophorone	9.710	82	2322562	47.569	ng		100
26) 2-Nitrophenol	9.899	139	572471	51.765	ng		98
27) 2,4-Dimethylphenol	9.934	122	958337	48.184	ng		99
28) bis(2-Chloroethoxy)met...	10.193	93	1430794	50.139	ng		99
29) 2,4-Dichlorophenol	10.416	162	1051753	54.643	ng		99
30) 1,2,4-Trichlorobenzene	10.628	180	1023802	51.808	ng		98
31) Naphthalene	10.834	128	3150671	49.688	ng		100
32) Benzoic acid	10.093	122	771332	49.221	ng		98
33) 4-Chloroaniline	10.957	127	701880	24.731	ng		100
34) Hexachlorobutadiene	11.063	225	599058	49.631	ng		99
35) Caprolactam	11.799	113	326532m	47.466	ng		
36) 4-Chloro-3-methylphenol	12.057	107	1100753	51.316	ng		98
37) 2-Methylnaphthalene	12.434	142	2169580	46.535	ng		99
38) 1-Methylnaphthalene	12.657	142	2104268	48.057	ng		99
40) 1,2,4,5-Tetrachloroben...	12.787	216	1120130	51.290	ng		100
41) Hexachlorocyclopentadiene	12.740	237	1418897	115.547	ng		100
43) 2,4,6-Trichlorophenol	13.034	196	806333	54.253	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	875075	50.309	ng	98
46) 1,1'-Biphenyl	13.445	154	2862969	51.528	ng	100
47) 2-Chloronaphthalene	13.493	162	2173151	53.708	ng	100
48) 2-Nitroaniline	13.722	65	746144	51.607	ng	99
49) Acenaphthylene	14.340	152	3602680	53.651	ng	99
50) Dimethylphthalate	14.075	163	2778830	49.914	ng	99
51) 2,6-Dinitrotoluene	14.210	165	605608	51.332	ng	98
52) Acenaphthene	14.675	154	2037558	50.449	ng	99
53) 3-Nitroaniline	14.551	138	470373	35.621	ng	100
54) 2,4-Dinitrophenol	14.751	184	766431	104.017	ng	95
55) Dibenzofuran	15.010	168	3256661	49.952	ng	100
56) 4-Nitrophenol	14.839	139	1084919	103.593	ng	98
57) 2,4-Dinitrotoluene	14.998	165	801654	51.358	ng	98
58) Fluorene	15.663	166	2578699	50.171	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	739290	51.782	ng	99
60) Diethylphthalate	15.422	149	2720842	49.131	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1339280	49.668	ng	99
62) 4-Nitroaniline	15.722	138	591639	46.592	ng	98
63) Azobenzene	15.945	77	2839157	50.571	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	448257	51.931	ng	99
66) n-Nitrosodiphenylamine	15.875	169	2282568	53.765	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	798527	51.550	ng	98
68) Hexachlorobenzene	16.633	284	918351	55.994	ng	99
69) Atrazine	16.816	200	804088	60.736	ng	100
70) Pentachlorophenol	16.992	266	1253321	101.142	ng	98
71) Phenanthrene	17.410	178	3978935	53.075	ng	100
72) Anthracene	17.498	178	3999199	52.293	ng	99
73) Carbazole	17.780	167	3664722	52.261	ng	100
74) Di-n-butylphthalate	18.298	149	4668690	51.860	ng	100
75) Fluoranthene	19.416	202	4437709	50.421	ng	100
77) Benzidine	19.616	184	1814075	74.605	ng	99
78) Pyrene	19.780	202	4580598	55.262	ng	100
80) Butylbenzylphthalate	20.651	149	1941841	52.673	ng	98
81) Benzo(a)anthracene	21.521	228	4095569	52.714	ng	100
82) 3,3'-Dichlorobenzidine	21.457	252	1236508	45.192	ng	99
83) Chrysene	21.574	228	3708964	50.931	ng	100
84) Bis(2-ethylhexyl)phtha...	21.398	149	2825705	51.667	ng	100
85) Di-n-octyl phthalate	22.327	149	4716040	51.228	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	3775037	54.414	ng	100
88) Benzo(b)fluoranthene	23.210	252	3710182	54.692	ng	99
89) Benzo(k)fluoranthene	23.257	252	3463251	51.662	ng	100
90) Benzo(a)pyrene	23.845	252	3135331	49.255	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	3177818	54.944	ng	100
92) Benzo(g,h,i)perylene	27.245	276	2985840	54.031	ng	99

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

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