Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041305.D
Acq On : 07 Aug 2023 10:34
Operator : MA/JU
Sample : PB154530BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 17:27:12 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 :
PB154530BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.786	152	118701	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	445185	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	240584	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	463541	20.000	ng		0.00
76) Chrysene-d12	21.421	240	397395	20.000	ng		0.00
86) Perylene-d12	23.791	264	462116	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1134556	142.854	ng		0.00
7) Phenol-d6	6.975	99	1372531	133.322	ng		0.00
23) Nitrobenzene-d5	8.963	82	903004	94.329	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	507189	149.045	ng		0.00
45) 2-Fluorobiphenyl	13.068	172	1863182	97.831	ng		0.00
79) Terphenyl-d14	19.850	244	2398639	109.132	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	129249	38.042	ng		96
3) Pyridine	3.663	79	335894	37.600	ng		96
4) n-Nitrosodimethylamine	3.581	42	184501	44.656	ng		93
6) Aniline	7.122	93	525845	43.646	ng		99
8) 2-Chlorophenol	7.351	128	407944	52.615	ng		99
9) Benzaldehyde	6.934	77	241514m	44.460	ng		
10) Phenol	6.998	94	502706	50.558	ng		97
11) bis(2-Chloroethyl)ether	7.222	93	407003	50.568	ng		97
12) 1,3-Dichlorobenzene	7.669	146	459859	54.487	ng		99
13) 1,4-Dichlorobenzene	7.822	146	471771	55.614	ng		99
14) 1,2-Dichlorobenzene	8.133	146	449268	55.236	ng		99
15) Benzyl Alcohol	8.045	79	361713m	55.637	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	498564	46.491	ng		95
17) 2-Methylphenol	8.245	107	327909	48.271	ng		99
18) Hexachloroethane	8.857	117	179238	56.755	ng		90
19) n-Nitroso-di-n-propyla...	8.604	70	316265	50.578	ng		97
20) 3+4-Methylphenols	8.581	107	435361	47.933	ng		96
22) Acetophenone	8.628	105	608610	51.619	ng	#	98
24) Nitrobenzene	9.010	77	477444	49.318	ng		99
25) Isophorone	9.533	82	829829	51.066	ng		99
26) 2-Nitrophenol	9.716	139	218427	57.717	ng		95
27) 2,4-Dimethylphenol	9.780	122	320633	48.147	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	497084	48.834	ng		99
29) 2,4-Dichlorophenol	10.251	162	361627	53.848	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	421074	56.750	ng		96
31) Naphthalene	10.645	128	1188986	49.217	ng		99
32) Benzoic acid	9.951	122	250010	49.690	ng		97
33) 4-Chloroaniline	10.774	127	331259	34.311	ng		99
34) Hexachlorobutadiene	10.910	225	269864	60.474	ng		98
35) Caprolactam	11.586	113	95374	49.093	ng		89
36) 4-Chloro-3-methylphenol	11.910	107	348964	49.369	ng		97
37) 2-Methylnaphthalene	12.263	142	782176	48.024	ng		99
38) 1-Methylnaphthalene	12.480	142	741324	48.631	ng		100
40) 1,2,4,5-Tetrachloroben...	12.633	216	440534	56.392	ng	#	98
41) Hexachlorocyclopentadiene	12.598	237	511293	123.712	ng		99
43) 2,4,6-Trichlorophenol	12.886	196	280050	55.931	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	301347	51.999	ng		96
46) 1,1'-Biphenyl	13.280	154	995978	51.066	ng		99
47) 2-Chloronaphthalene	13.327	162	780466	53.593	ng		98
48) 2-Nitroaniline	13.551	65	229402	49.350	ng		96
49) Acenaphthylene	14.174	152	1212920	51.601	ng		100
50) Dimethylphthalate	13.921	163	909482	50.256	ng		100
51) 2,6-Dinitrotoluene	14.051	165	198129	52.838	ng		98
52) Acenaphthene	14.521	154	693405	48.968	ng		100
53) 3-Nitroaniline	14.386	138	162651	38.050	ng		96
54) 2,4-Dinitrophenol	14.604	184	251887	98.054	ng		90
55) Dibenzofuran	14.857	168	1125315	48.707	ng		100
56) 4-Nitrophenol	14.710	139	307116	98.274	ng		94
57) 2,4-Dinitrotoluene	14.851	165	262582	48.979	ng		94
58) Fluorene	15.509	166	885204	48.568	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	251030	53.492	ng		97
60) Diethylphthalate	15.286	149	881730	50.382	ng		99
61) 4-Chlorophenyl-phenyle...	15.504	204	469265	51.380	ng		97
62) 4-Nitroaniline	15.557	138	173545	43.792	ng		96
63) Azobenzene	15.798	77	903162	47.113	ng		98
65) 4,6-Dinitro-2-methylph...	15.615	198	152982	54.479	ng		89
66) n-Nitrosodiphenylamine	15.727	169	733530	50.881	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	279251	54.945	ng		98
68) Hexachlorobenzene	16.509	284	321690	56.922	ng		99
69) Atrazine	16.686	200	259424	68.522	ng		99
70) Pentachlorophenol	16.868	266	359713	91.920	ng		99
71) Phenanthrene	17.256	178	1276599	49.568	ng		100
72) Anthracene	17.351	178	1291481	50.702	ng		100
73) Carbazole	17.633	167	1144716	49.653	ng		99
74) Di-n-butylphthalate	18.186	149	1443317	55.402	ng		99
75) Fluoranthene	19.286	202	1430612	49.443	ng		98
77) Benzidine	19.480	184	759214	140.168	ng		100
78) Pyrene	19.650	202	1472068	52.970	ng		99
80) Butylbenzylphthalate	20.550	149	607989	59.909	ng		100
81) Benzo(a)anthracene	21.409	228	1424245	52.867	ng		99
82) 3,3'-Dichlorobenzidine	21.344	252	506807	57.652	ng		99
83) Chrysene	21.456	228	1299787	49.881	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	888277	54.740	ng	#	98
85) Di-n-octyl phthalate	22.244	149	1521044	59.303	ng		96
87) Indeno(1,2,3-cd)pyrene	26.244	276	1869626	55.029	ng		96
88) Benzo(b)fluoranthene	23.074	252	1479168	53.881	ng		98
89) Benzo(k)fluoranthene	23.121	252	1372166	48.864	ng		99
90) Benzo(a)pyrene	23.685	252	1294823	49.087	ng		98
91) Dibenzo(a,h)anthracene	26.256	278	1587210	56.009	ng		97
92) Benzo(g,h,i)perylene	27.003	276	1498413	54.038	ng		96

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

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