Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040160.D
Acq On : 08 Jun 2023 16:04
Operator : MA/JU
Sample : PB153297BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 09 02:22:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB153297BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
06/09/2023
Supervised By :mohammad ahmed

06/09/2023
Supervised By :mohammad ahmed
06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	352320	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1564591	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	947810	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	1858018	20.000	ng		0.00
76) Chrysene-d12	21.550	240	1878571	20.000	ng		0.00
86) Perylene-d12	23.985	264	1991913	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	3198318	135.547	ng		0.00
7) Phenol-d6	7.151	99	4003971	124.359	ng		0.00
23) Nitrobenzene-d5	9.163	82	2224154	76.943	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	1923203	134.864	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	5599283	78.082	ng		0.00
79) Terphenyl-d14	19.992	244	9697292	95.157	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	276765	29.537	ng		97
3) Pyridine	3.804	79	785445	29.225	ng		96
4) n-Nitrosodimethylamine	3.716	42	389954	35.788	ng		91
6) Aniline	7.316	93	1538965	39.494	ng		97
8) 2-Chlorophenol	7.551	128	1140412	45.711	ng		97
9) Benzaldehyde	7.122	77	541926	31.608	ng		97
10) Phenol	7.181	94	1462525	46.187	ng		97
11) bis(2-Chloroethyl)ether	7.410	93	1034687	40.546	ng		97
12) 1,3-Dichlorobenzene	7.881	146	1085171	43.267	ng		98
13) 1,4-Dichlorobenzene	8.028	146	1120480	43.723	ng		99
14) 1,2-Dichlorobenzene	8.345	146	1091003	43.259	ng		100
15) Benzyl Alcohol	8.233	79	900999	42.403	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1270365	39.049	ng		98
17) 2-Methylphenol	8.433	107	958043	42.462	ng		98
18) Hexachloroethane	9.081	117	395232	43.073	ng		96
19) n-Nitroso-di-n-propyla...	8.804	70	756724	38.684	ng		97
20) 3+4-Methylphenols	8.763	107	1295464	42.058	ng		98
22) Acetophenone	8.822	105	1656265	40.536	ng	#	97
24) Nitrobenzene	9.204	77	1141716	38.372	ng		94
25) Isophorone	9.733	82	2115821	38.761	ng		97
26) 2-Nitrophenol	9.916	139	555036	44.894	ng		94
27) 2,4-Dimethylphenol	9.975	122	1098815	45.426	ng		97
28) bis(2-Chloroethoxy)met...	10.216	93	1403881	39.838	ng		99
29) 2,4-Dichlorophenol	10.451	162	1026856	46.283	ng		98
30) 1,2,4-Trichlorobenzene	10.669	180	967498	43.050	ng		99
31) Naphthalene	10.857	128	3407028	40.429	ng		100
32) Benzoic acid	10.122	122	705373	39.520	ng		95
33) 4-Chloroaniline	10.963	127	1034203	27.555	ng		97
34) Hexachlorobutadiene	11.139	225	490920	41.644	ng		98
35) Caprolactam	11.757	113	338438m	44.420	ng		
36) 4-Chloro-3-methylphenol	12.086	107	1116778	43.346	ng		95
37) 2-Methylnaphthalene	12.463	142	2298281	39.438	ng		99
38) 1-Methylnaphthalene	12.680	142	2172079	39.524	ng		98
40) 1,2,4,5-Tetrachloroben...	12.827	216	1056560	42.048	ng		99
41) Hexachlorocyclopentadiene	12.810	237	1444548	110.249	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	748719	43.442	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	834497	40.112	ng		98
46) 1,1'-Biphenyl	13.468	154	3118680	41.036	ng		99
47) 2-Chloronaphthalene	13.510	162	2409554	42.678	ng		98
48) 2-Nitroaniline	13.710	65	687875	40.635	ng		92
49) Acenaphthylene	14.351	152	3907380	41.742	ng		99
50) Dimethylphthalate	14.086	163	2969803	40.173	ng		99
51) 2,6-Dinitrotoluene	14.204	165	636275	42.945	ng		94
52) Acenaphthene	14.692	154	2368957	41.031	ng		99
53) 3-Nitroaniline	14.533	138	614361	33.236	ng		93
54) 2,4-Dinitrophenol	14.739	184	744928	79.071	ng	#	87
55) Dibenzofuran	15.027	168	3702695	40.997	ng		97
56) 4-Nitrophenol	14.839	139	1402864	93.703	ng		93
57) 2,4-Dinitrotoluene	14.992	165	899578	45.496	ng		87
58) Fluorene	15.674	166	3114617	41.199	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	736208	45.258	ng		95
60) Diethylphthalate	15.451	149	3066903	40.889	ng		98
61) 4-Chlorophenyl-phenyle...	15.668	204	1470955	41.627	ng		97
62) 4-Nitroaniline	15.698	138	819774	41.632	ng		95
63) Azobenzene	15.962	77	2834310	38.866	ng		95
65) 4,6-Dinitro-2-methylph...	15.751	198	462297	44.359	ng		92
66) n-Nitrosodiphenylamine	15.886	169	2655264	43.632	ng		99
67) 4-Bromophenyl-phenylether	16.562	248	803281	43.046	ng		96
68) Hexachlorobenzene	16.674	284	990781	46.294	ng		96
69) Atrazine	16.833	200	863871	51.941	ng		97
70) Pentachlorophenol	17.021	266	1374416	87.484	ng		99
71) Phenanthrene	17.415	178	4664595	43.087	ng		100
72) Anthracene	17.503	178	4750840	43.988	ng		99
73) Carbazole	17.774	167	4542036	44.090	ng		100
74) Di-n-butylphthalate	18.339	149	5039104	43.615	ng		99
75) Fluoranthene	19.427	202	4925410	42.873	ng		99
77) Benzidine	19.609	184	3628926	102.860	ng		99
78) Pyrene	19.786	202	5415991	43.236	ng		99
80) Butylbenzylphthalate	20.680	149	2259951	44.635	ng		94
81) Benzo(a)anthracene	21.533	228	5679172	44.333	ng		100
82) 3,3'-Dichlorobenzidine	21.462	252	1738616	40.837	ng		99
83) Chrysene	21.591	228	5195980	42.817	ng		100
84) Bis(2-ethylhexyl)phtha...	21.456	149	3403333	45.517	ng		97
85) Di-n-octyl phthalate	22.391	149	5907521	48.654	ng		98
87) Indeno(1,2,3-cd)pyrene	26.538	276	6831224	45.738	ng		97
88) Benzo(b)fluoranthene	23.244	252	5664497	46.954	ng		99
89) Benzo(k)fluoranthene	23.297	252	5922494	46.972	ng		99
90) Benzo(a)pyrene	23.880	252	4898724	42.520	ng		99
91) Dibenzo(a,h)anthracene	26.550	278	5945475	46.113	ng		98
92) Benzo(g,h,i)perylene	27.315	276	4849727	43.789	ng		98

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

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