Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040169.D
Acq On : 08 Jun 2023 22:44
Operator : MA/JU
Sample : PB153236BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB153236BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 02:24:49 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	277478	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1252283	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	748950	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	1528399	20.000	ng		0.00
76) Chrysene-d12	21.545	240	1591841	20.000	ng		0.00
86) Perylene-d12	23.986	264	1674573	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2868856	154.378	ng		0.00
7) Phenol-d6	7.151	99	3612827	142.476	ng		0.00
23) Nitrobenzene-d5	9.157	82	1992173	86.105	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	1711520	151.887	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	4955579	87.454	ng		0.00
79) Terphenyl-d14	19.986	244	9092216	105.291	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	258556	35.036	ng		98
3) Pyridine	3.805	79	740655	34.992	ng		97
4) n-Nitrosodimethylamine	3.716	42	367043	42.771	ng		91
6) Aniline	7.310	93	1210249	39.435	ng		99
8) 2-Chlorophenol	7.551	128	1060585	53.978	ng		98
9) Benzaldehyde	7.122	77	488579	36.183	ng		98
10) Phenol	7.175	94	1369931	54.932	ng		98
11) bis(2-Chloroethyl)ether	7.410	93	954035	47.469	ng		97
12) 1,3-Dichlorobenzene	7.875	146	988524	50.045	ng		99
13) 1,4-Dichlorobenzene	8.022	146	1016169	50.348	ng		99
14) 1,2-Dichlorobenzene	8.345	146	993861	50.036	ng		99
15) Benzyl Alcohol	8.234	79	844084	50.439	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1174314	45.832	ng		99
17) 2-Methylphenol	8.434	107	898047	50.539	ng		99
18) Hexachloroethane	9.075	117	360176	49.840	ng		97
19) n-Nitroso-di-n-propyla...	8.804	70	701940	45.562	ng		97
20) 3+4-Methylphenols	8.763	107	1206849	49.749	ng		99
22) Acetophenone	8.816	105	1538228	47.036	ng	#	98
24) Nitrobenzene	9.198	77	1073378	45.073	ng		97
25) Isophorone	9.728	82	1991564	45.583	ng		98
26) 2-Nitrophenol	9.910	139	506530	51.188	ng		99
27) 2,4-Dimethylphenol	9.969	122	1020779	52.724	ng		99
28) bis(2-Chloroethoxy)met...	10.210	93	1292985	45.842	ng		99
29) 2,4-Dichlorophenol	10.445	162	949323	53.459	ng		99
30) 1,2,4-Trichlorobenzene	10.663	180	880841	48.968	ng		99
31) Naphthalene	10.851	128	3104298	46.023	ng		100
32) Benzoic acid	10.116	122	704425	47.446	ng		96
33) 4-Chloroaniline	10.963	127	598363	19.919	ng		97
34) Hexachlorobutadiene	11.139	225	442864	46.936	ng		98
35) Caprolactam	11.751	113	318594m	52.244	ng		
36) 4-Chloro-3-methylphenol	12.080	107	1049042	50.872	ng		98
37) 2-Methylnaphthalene	12.457	142	2118902	45.428	ng		100
38) 1-Methylnaphthalene	12.675	142	1983992	45.105	ng		99
40) 1,2,4,5-Tetrachloroben...	12.827	216	958788	48.288	ng		99
41) Hexachlorocyclopentadiene	12.804	237	1241548	119.915	ng		98
43) 2,4,6-Trichlorophenol	13.063	196	690467	50.699	ng		100

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44) 2,4,5-Trichlorophenol	13.133	196	768863	46.770	ng		98
46) 1,1'-Biphenyl	13.463	154	2874238	47.861	ng		99
47) 2-Chloronaphthalene	13.510	162	2203065	49.382	ng		98
48) 2-Nitroaniline	13.710	65	654316	48.915	ng		93
49) Acenaphthylene	14.351	152	3615974	48.886	ng		100
50) Dimethylphthalate	14.086	163	2761671	47.277	ng		100
51) 2,6-Dinitrotoluene	14.204	165	583685	49.856	ng		94
52) Acenaphthene	14.692	154	2171686	47.602	ng		99
53) 3-Nitroaniline	14.533	138	451331	30.899	ng		94
54) 2,4-Dinitrophenol	14.739	184	700833	92.645	ng	#	84
55) Dibenzofuran	15.027	168	3431064	48.076	ng		98
56) 4-Nitrophenol	14.839	139	1341471	113.393	ng		94
57) 2,4-Dinitrotoluene	14.986	165	842365	53.914	ng		93
58) Fluorene	15.674	166	2927733	49.010	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	684916	53.284	ng		96
60) Diethylphthalate	15.445	149	2887382	48.717	ng		99
61) 4-Chlorophenyl-phenyle...	15.668	204	1375466	49.260	ng		97
62) 4-Nitroaniline	15.698	138	764369	49.125	ng		94
63) Azobenzene	15.957	77	2691397	46.705	ng		96
65) 4,6-Dinitro-2-methylph...	15.751	198	435234	50.769	ng		90
66) n-Nitrosodiphenylamine	15.880	169	2488590	49.712	ng		99
67) 4-Bromophenyl-phenylether	16.557	248	749743	48.842	ng		99
68) Hexachlorobenzene	16.674	284	925339	52.561	ng		95
69) Atrazine	16.833	200	817810	59.776	ng		98
70) Pentachlorophenol	17.015	266	1317545	101.950	ng		99
71) Phenanthrene	17.415	178	4420503	49.638	ng		100
72) Anthracene	17.504	178	4546918	51.179	ng		99
73) Carbazole	17.774	167	4374023	51.616	ng		100
74) Di-n-butylphthalate	18.333	149	4835481	50.878	ng		100
75) Fluoranthene	19.421	202	4782695	50.609	ng		99
77) Benzidine	19.609	184	2436995	81.517	ng		100
78) Pyrene	19.786	202	5211729	49.099	ng		100
80) Butylbenzylphthalate	20.680	149	2209955	51.510	ng		93
81) Benzo(a)anthracene	21.533	228	5521631	50.867	ng		100
82) 3,3'-Dichlorobenzidine	21.462	252	1541572	42.731	ng		99
83) Chrysene	21.586	228	5128855	49.876	ng		100
84) Bis(2-ethylhexyl)phtha...	21.456	149	3308336	52.216	ng		98
85) Di-n-octyl phthalate	22.392	149	5793213	56.306	ng		97
87) Indeno(1,2,3-cd)pyrene	26.532	276	6691923	53.296	ng		98
88) Benzo(b)fluoranthene	23.244	252	5662969	55.837	ng		99
89) Benzo(k)fluoranthene	23.291	252	5711811	53.886	ng		98
90) Benzo(a)pyrene	23.874	252	4806939	49.631	ng		99
91) Dibenzo(a,h)anthracene	26.544	278	5854860	54.016	ng		98
92) Benzo(g,h,i)perylene	27.309	276	4824559	51.817	ng		97

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

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