Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
Data File : BM040204.D
Acq On : 10 Jun 2023 00:38
Operator : MA/JU
Sample : PB153277BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 10 04:45:22 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 :
PB153277BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :Jagrut Upadhyay 06/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	688619	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	3198973	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	2112384	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	4749713	20.000	ng	#	0.00
76) Chrysene-d12	21.550	240	5034007	20.000	ng	#	0.00
86) Perylene-d12	23.986	264	5179861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2918611	63.285	ng		0.00
7) Phenol-d6	7.151	99	3735476	59.359	ng		0.00
23) Nitrobenzene-d5	9.157	82	2026641	34.290	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	2079980	65.445	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	5547722	34.712	ng		0.00
79) Terphenyl-d14	19.986	244	10523928	38.538	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	247509	13.515	ng		96
3) Pyridine	3.799	79	730162	13.900	ng		98
4) n-Nitrosodimethylamine	3.710	42	338557	15.897	ng		93
6) Aniline	7.310	93	1128700	14.820	ng		98
8) 2-Chlorophenol	7.545	128	1094208	22.440	ng		97
9) Benzaldehyde	7.122	77	479131	14.298	ng		92
10) Phenol	7.175	94	1372048	22.169	ng		97
11) bis(2-Chloroethyl)ether	7.404	93	943969	18.926	ng		97
12) 1,3-Dichlorobenzene	7.875	146	1012448	20.653	ng		98
13) 1,4-Dichlorobenzene	8.022	146	1042526	20.814	ng		96
14) 1,2-Dichlorobenzene	8.340	146	1024627	20.786	ng		98
15) Benzyl Alcohol	8.228	79	842897	20.296	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1177829	18.523	ng		98
17) 2-Methylphenol	8.434	107	913337	20.711	ng		98
18) Hexachloroethane	9.075	117	359163	20.026	ng		93
19) n-Nitroso-di-n-propyla...	8.798	70	700508	18.322	ng		97
20) 3+4-Methylphenols	8.763	107	1244270	20.668	ng		97
22) Acetophenone	8.816	105	1536350	18.390	ng	#	96
24) Nitrobenzene	9.198	77	1055936	17.358	ng		96
25) Isophorone	9.728	82	2000303	17.923	ng		96
26) 2-Nitrophenol	9.910	139	551728	21.826	ng		94
27) 2,4-Dimethylphenol	9.969	122	1069761	21.630	ng		97
28) bis(2-Chloroethoxy)met...	10.210	93	1338150	18.572	ng		99
29) 2,4-Dichlorophenol	10.445	162	1061023	23.390	ng		98
30) 1,2,4-Trichlorobenzene	10.663	180	973195	21.179	ng		99
31) Naphthalene	10.851	128	3265208	18.950	ng		100
32) Benzoic acid	10.116	122	765052	24.496	ng		94
33) 4-Chloroaniline	10.963	127	690445	8.997	ng		97
34) Hexachlorobutadiene	11.139	225	508261	21.087	ng		98
35) Caprolactam	11.751	113	346821m	22.264	ng		
36) 4-Chloro-3-methylphenol	12.080	107	1132902	21.506	ng		94
37) 2-Methylnaphthalene	12.457	142	2323651	19.502	ng		98
38) 1-Methylnaphthalene	12.675	142	2189288	19.484	ng		100
40) 1,2,4,5-Tetrachloroben...	12.822	216	1104369	19.720	ng		98
41) Hexachlorocyclopentadiene	12.804	237	1253529	42.927	ng		98
43) 2,4,6-Trichlorophenol	13.063	196	817641	21.286	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	910473	19.636	ng		95
46) 1,1'-Biphenyl	13.463	154	3142150	18.551	ng		99
47) 2-Chloronaphthalene	13.504	162	2411927	19.168	ng		98
48) 2-Nitroaniline	13.710	65	677242	17.951	ng		87
49) Acenaphthylene	14.351	152	3951176	18.939	ng		100
50) Dimethylphthalate	14.086	163	3118941	18.931	ng		100
51) 2,6-Dinitrotoluene	14.204	165	667344	20.210	ng		86
52) Acenaphthene	14.692	154	2416065	18.776	ng		99
53) 3-Nitroaniline	14.533	138	537894	13.057	ng		90
54) 2,4-Dinitrophenol	14.733	184	724162	38.921	ng	#	86
55) Dibenzofuran	15.021	168	3923740	19.493	ng		98
56) 4-Nitrophenol	14.839	139	1506991	45.164	ng		89
57) 2,4-Dinitrotoluene	14.986	165	989588	22.456	ng		86
58) Fluorene	15.668	166	3266078	19.385	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	833808	22.999	ng	#	91
60) Diethylphthalate	15.445	149	3295837	19.716	ng		98
61) 4-Chlorophenyl-phenyle...	15.663	204	1593663	20.236	ng		96
62) 4-Nitroaniline	15.698	138	846523	19.289	ng		92
63) Azobenzene	15.957	77	2887034	17.763	ng		94
65) 4,6-Dinitro-2-methylph...	15.745	198	484723	18.194	ng		91
66) n-Nitrosodiphenylamine	15.880	169	2812324	18.078	ng		98
67) 4-Bromophenyl-phenylether	16.557	248	924812	19.387	ng		96
68) Hexachlorobenzene	16.674	284	1150366	21.026	ng	#	92
69) Atrazine	16.827	200	979511	23.038	ng		98
70) Pentachlorophenol	17.015	266	1617853	40.284	ng		99
71) Phenanthrene	17.410	178	5193635	18.767	ng		99
72) Anthracene	17.504	178	5219298	18.904	ng		99
73) Carbazole	17.774	167	5062031	19.222	ng		99
74) Di-n-butylphthalate	18.333	149	5753418	19.480	ng		99
75) Fluoranthene	19.421	202	5854430	19.935	ng		98
77) Benzidine	19.603	184	2606124	27.566	ng		99
78) Pyrene	19.786	202	6341368	18.891	ng		100
80) Butylbenzylphthalate	20.680	149	2696852	19.877	ng	#	87
81) Benzo(a)anthracene	21.533	228	6854434	19.968	ng		100
82) 3,3'-Dichlorobenzidine	21.462	252	1957631	17.159	ng		99
83) Chrysene	21.586	228	6102906	18.767	ng		99
84) Bis(2-ethylhexyl)phtha...	21.450	149	4048203	20.204	ng		97
85) Di-n-octyl phthalate	22.386	149	7140947	21.947	ng		96
87) Indeno(1,2,3-cd)pyrene	26.527	276	6750337	17.380	ng		97
88) Benzo(b)fluoranthene	23.239	252	6583942	20.987	ng		98
89) Benzo(k)fluoranthene	23.291	252	6717452	20.488	ng		98
90) Benzo(a)pyrene	23.874	252	5502801	18.368	ng		99
91) Dibenzo(a,h)anthracene	26.538	278	5795270	17.285	ng		99
92) Benzo(g,h,i)perylene	27.309	276	4872854	16.919	ng		97

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

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