Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
Data File : BG060169.D
Acq On : 26 Dec 2023 13:54
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 27 00:35:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 27 00:26:26 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :Sohil Jodhani 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	226743	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1085445	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	882858	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	2075419	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1732179	20.000	ng	0.00
86) Perylene-d12	24.765	264	1959129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1123813	79.338	ng	0.00
7) Phenol-d6	7.103	99	1947938	87.111	ng	0.00
23) Nitrobenzene-d5	9.101	82	1905555	82.981	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	990470	83.600	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	4541207	80.678	ng	0.00
79) Terphenyl-d14	19.941	244	5699845	83.440	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.413	88	249690	41.859	ng	100
3) Pyridine	3.807	79	813763	46.053	ng	100
4) n-Nitrosodimethylamine	3.725	42	314416	44.946	ng	100
6) Aniline	7.268	93	976940	42.435	ng	100
8) 2-Chlorophenol	7.503	128	628036	41.888	ng	100
9) Benzaldehyde	7.080	77	499374	39.431	ng	100
10) Phenol	7.132	94	990142	43.009	ng	100
11) bis(2-Chloroethyl)ether	7.362	93	773215	42.476	ng	100
12) 1,3-Dichlorobenzene	7.826	146	719125	40.911	ng	100
13) 1,4-Dichlorobenzene	7.973	146	747503	41.567	ng	100
14) 1,2-Dichlorobenzene	8.296	146	735571	40.659	ng	100
15) Benzyl Alcohol	8.178	79	691986	43.998	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.460	45	1090095	41.787	ng	100
17) 2-Methylphenol	8.378	107	668177	42.823	ng	100
18) Hexachloroethane	9.024	117	244353	39.637	ng	100
19) n-Nitroso-di-n-propyla...	8.742	70	752393	44.685	ng	100
20) 3+4-Methylphenols	8.707	107	946902	43.377	ng	100
22) Acetophenone	8.760	105	1299271	41.510	ng	100
24) Nitrobenzene	9.148	77	991048	41.299	ng	100
25) Isophorone	9.665	82	2072893	42.349	ng	100
26) 2-Nitrophenol	9.853	139	395993	42.064	ng	100
27) 2,4-Dimethylphenol	9.912	122	497169	42.167	ng	100
28) bis(2-Chloroethoxy)met...	10.147	93	1200152	41.361	ng	100
29) 2,4-Dichlorophenol	10.393	162	815294	42.683	ng	100
30) 1,2,4-Trichlorobenzene	10.605	180	897720	41.225	ng	100
31) Naphthalene	10.793	128	2314986	41.231	ng	100
32) Benzoic acid	10.058	122	532378m	42.208	ng	
33) 4-Chloroaniline	10.905	127	974357	42.712	ng	100
34) Hexachlorobutadiene	11.075	225	520953	40.177	ng	100
35) Caprolactam	11.686	113	287092	41.756	ng	100
36) 4-Chloro-3-methylphenol	12.027	107	866639	41.872	ng	100
37) 2-Methylnaphthalene	12.403	142	1803116	41.859	ng	100
38) 1-Methylnaphthalene	12.620	142	1779692	41.123	ng	100
40) 1,2,4,5-Tetrachloroben...	12.767	216	1070428	40.200	ng	100
41) Hexachlorocyclopentadiene	12.749	237	374554	42.722	ng	100
43) 2,4,6-Trichlorophenol	13.008	196	757572	41.685	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	858006	42.147	ng	100
46) 1,1'-Biphenyl	13.413	154	2599702	41.409	ng	100
47) 2-Chloronaphthalene	13.454	162	2204059	41.214	ng	100
48) 2-Nitroaniline	13.660	65	676079	42.379	ng	100
49) Acenaphthylene	14.301	152	3192370	41.689	ng	100
50) Dimethylphthalate	14.030	163	2738722	41.288	ng	100
51) 2,6-Dinitrotoluene	14.154	165	640522	42.506	ng	100
52) Acenaphthene	14.641	154	2001505	41.121	ng	100
53) 3-Nitroaniline	14.483	138	586939	42.867	ng	100
54) 2,4-Dinitrophenol	14.688	184	332237	43.438	ng	100
55) Dibenzofuran	14.976	168	3289832	41.299	ng	100
56) 4-Nitrophenol	14.788	139	450492	42.387	ng	100
57) 2,4-Dinitrotoluene	14.941	165	872661	42.118	ng	100
58) Fluorene	15.628	166	2748166	40.933	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.199	232	714208	40.601	ng	100
60) Diethylphthalate	15.393	149	2700623	40.766	ng	100
61) 4-Chlorophenyl-phenyle...	15.617	204	1409400	40.304	ng	100
62) 4-Nitroaniline	15.652	138	619448	41.108	ng	100
63) Azobenzene	15.910	77	2784851	41.373	ng	100
65) 4,6-Dinitro-2-methylph...	15.699	198	507569	44.026	ng	100
66) n-Nitrosodiphenylamine	15.834	169	2372046	42.017	ng	100
67) 4-Bromophenyl-phenylether	16.510	248	930868	42.226	ng	100
68) Hexachlorobenzene	16.627	284	1060364	41.131	ng	100
69) Atrazine	16.780	200	576943	34.182	ng	100
70) Pentachlorophenol	16.974	266	601364	42.739	ng	100
71) Phenanthrene	17.368	178	3980600	40.438	ng	100
72) Anthracene	17.462	178	4025795	40.913	ng	100
73) Carbazole	17.726	167	3867445	40.953	ng	100
74) Di-n-butylphthalate	18.284	149	4038464	40.546	ng	100
75) Fluoranthene	19.383	202	4475340	37.537	ng	100
77) Benzidine	19.565	184	1031254	34.068	ng	100
78) Pyrene	19.741	202	4608798	41.063	ng	100
80) Butylbenzylphthalate	20.634	149	1820282	42.523	ng	100
81) Benzo(a)anthracene	21.568	228	4437488	41.634	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	1559351	41.525	ng	100
83) Chrysene	21.633	228	4251771	41.635	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	2718419	42.471	ng	100
85) Di-n-octyl phthalate	22.673	149	4434751	42.337	ng	100
87) Indeno(1,2,3-cd)pyrene	28.378	276	5749776	41.419	ng	100
88) Benzo(b)fluoranthene	23.754	252	4893902	42.068	ng	100
89) Benzo(k)fluoranthene	23.825	252	4699317	40.832	ng	100
90) Benzo(a)pyrene	24.612	252	4384769	41.448	ng	100
91) Dibenzo(a,h)anthracene	28.449	278	4685499	41.293	ng	100
92) Benzo(g,h,i)perylene	29.518	276	4742794	41.155	ng	100

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

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