Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
Data File : BG059986.D
Acq On : 7 Dec 2023 14:40
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 08 02:22:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 02:14:41 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	136774	20.000	ng		0.00
21) Naphthalene-d8	10.769	136	494658	20.000	ng	#	0.00
39) Acenaphthene-d10	14.600	164	462534	20.000	ng		0.00
64) Phenanthrene-d10	17.343	188	1505785	20.000	ng		0.00
76) Chrysene-d12	21.621	240	2058590	20.000	ng		0.00
86) Perylene-d12	24.811	264	2387549	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	752996	101.814	ng		0.00
7) Phenol-d6	7.114	99	997189	95.900	ng		0.00
23) Nitrobenzene-d5	9.124	82	1081812	96.579	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	1327580	98.748	ng		0.00
45) 2-Fluorobiphenyl	13.225	172	3647345	94.757	ng		0.00
79) Terphenyl-d14	19.970	244	6924497	89.795	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	147073	43.968	ng		98
3) Pyridine	3.836	79	431226m	46.467	ng		
4) n-Nitrosodimethylamine	3.748	42	194722	48.402	ng	#	79
6) Aniline	7.285	93	504906	45.550	ng		96
8) 2-Chlorophenol	7.526	128	326954	46.054	ng		97
9) Benzaldehyde	7.097	77	275583	43.459	ng		85
10) Phenol	7.144	94	488885	48.122	ng		98
11) bis(2-Chloroethyl)ether	7.379	93	315167	46.374	ng		99
12) 1,3-Dichlorobenzene	7.849	146	462412	46.074	ng		90
13) 1,4-Dichlorobenzene	7.996	146	477096	48.313	ng		95
14) 1,2-Dichlorobenzene	8.313	146	457514	48.596	ng		92
15) Benzyl Alcohol	8.195	79	441781	47.609	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.495	45	166039	45.364	ng		92
17) 2-Methylphenol	8.395	107	333465	48.562	ng		97
18) Hexachloroethane	9.041	117	158998	49.618	ng		85
19) n-Nitroso-di-n-propyla...	8.771	70	330908	47.228	ng		91
20) 3+4-Methylphenols	8.724	107	455773	46.859	ng		90
22) Acetophenone	8.783	105	685077	47.345	ng	#	95
24) Nitrobenzene	9.165	77	560839	48.470	ng	#	91
25) Isophorone	9.688	82	933847	46.348	ng		96
26) 2-Nitrophenol	9.870	139	213429	47.437	ng		96
27) 2,4-Dimethylphenol	9.929	122	265217	43.687	ng		97
28) bis(2-Chloroethoxy)met...	10.169	93	438326	45.929	ng	#	98
29) 2,4-Dichlorophenol	10.405	162	541749	47.364	ng		98
30) 1,2,4-Trichlorobenzene	10.622	180	765628	48.204	ng		99
31) Naphthalene	10.816	128	1231039	48.723	ng		96
32) Benzoic acid	10.070	122	281848	45.759	ng		94
33) 4-Chloroaniline	10.922	127	443230	46.617	ng		97
34) Hexachlorobutadiene	11.104	225	829635	47.973	ng		92
35) Caprolactam	11.703	113	113213	43.486	ng		95
36) 4-Chloro-3-methylphenol	12.038	107	470811	46.928	ng		97
37) 2-Methylnaphthalene	12.426	142	1028891	47.012	ng		93
38) 1-Methylnaphthalene	12.643	142	982384	47.256	ng		98
40) 1,2,4,5-Tetrachloroben...	12.790	216	1401798	47.389	ng		99
41) Hexachlorocyclopentadiene	12.766	237	653778	47.301	ng		96
43) 2,4,6-Trichlorophenol	13.025	196	761958	49.703	ng		97

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44) 2,4,5-Trichlorophenol	13.095	196	825348	47.742	ng		98
46) 1,1'-Biphenyl	13.430	154	1642243	48.812	ng		97
47) 2-Chloronaphthalene	13.472	162	1438642	49.665	ng		99
48) 2-Nitroaniline	13.671	65	275359	48.693	ng		92
49) Acenaphthylene	14.318	152	1858898	47.595	ng		99
50) Dimethylphthalate	14.053	163	1746607	47.375	ng		98
51) 2,6-Dinitrotoluene	14.171	165	395610	48.749	ng	#	86
52) Acenaphthene	14.664	154	1379982m	48.737	ng		
53) 3-Nitroaniline	14.500	138	262950	47.377	ng		96
54) 2,4-Dinitrophenol	14.699	184	338901	50.241	ng		98
55) Dibenzofuran	14.999	168	2196123	47.738	ng		93
56) 4-Nitrophenol	14.793	139	222136	47.238	ng		88
57) 2,4-Dinitrotoluene	14.952	165	558831	48.086	ng		98
58) Fluorene	15.645	166	1895166	47.282	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.217	232	937287m	48.328	ng		
60) Diethylphthalate	15.422	149	1580698	47.683	ng		98
61) 4-Chlorophenyl-phenyle...	15.640	204	1613679	47.954	ng		96
62) 4-Nitroaniline	15.663	138	278280	45.258	ng		93
63) Azobenzene	15.933	77	1368662	47.259	ng		98
65) 4,6-Dinitro-2-methylph...	15.716	198	530139	49.389	ng		93
66) n-Nitrosodiphenylamine	15.851	169	1701573	47.562	ng		96
67) 4-Bromophenyl-phenylether	16.533	248	1156199	48.941	ng		98
68) Hexachlorobenzene	16.650	284	1382285	50.303	ng		95
69) Atrazine	16.803	200	731154	46.825	ng		98
70) Pentachlorophenol	16.991	266	977470	50.818	ng		96
71) Phenanthrene	17.390	178	3268371	47.412	ng		99
72) Anthracene	17.479	178	3311847	47.536	ng		98
73) Carbazole	17.749	167	2687145	47.297	ng		93
74) Di-n-butylphthalate	18.313	149	2439283	48.056	ng		99
75) Fluoranthene	19.400	202	4766727	44.164	ng		96
77) Benzidine	19.582	184	1764008	73.037	ng		98
78) Pyrene	19.764	202	4821623	43.728	ng		93
80) Butylbenzylphthalate	20.663	149	926090	47.643	ng		98
81) Benzo(a)anthracene	21.603	228	5768340	43.903	ng		95
82) 3,3'-Dichlorobenzidine	21.515	252	2267697	48.406	ng	#	93
83) Chrysene	21.668	228	5426937	43.752	ng		95
84) Bis(2-ethylhexyl)phtha...	21.521	149	1379483	48.213	ng		96
85) Di-n-octyl phthalate	22.731	149	2360926	47.743	ng		100
87) Indeno(1,2,3-cd)pyrene	28.466	276	8408877	48.342	ng	#	99
88) Benzo(b)fluoranthene	23.801	252	6749114	48.579	ng		99
89) Benzo(k)fluoranthene	23.877	252	6444551m	47.864	ng		
90) Benzo(a)pyrene	24.664	252	6070243	47.924	ng		95
91) Dibenzo(a,h)anthracene	28.536	278	7116784	48.576	ng		99
92) Benzo(g,h,i)perylene	29.606	276	6932917	48.558	ng		100

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

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