Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
Data File : BG063133.D
Acq On : 31 Oct 2024 14:47
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 01 04:55:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 04:41:50 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	100769	20.000	ng	0.00
21) Naphthalene-d8	10.632	136	394287	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	302657	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	750853	20.000	ng	0.00
76) Chrysene-d12	21.484	240	810378	20.000	ng	0.00
86) Perylene-d12	24.521	264	927167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	495671	76.274	ng	0.00
7) Phenol-d6	7.024	99	682287	80.119	ng	0.00
23) Nitrobenzene-d5	9.004	82	713584	78.713	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	404744	78.728	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1634105	79.968	ng	0.00
79) Terphenyl-d14	19.856	244	3232439	82.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	103769	40.648	ng	100
3) Pyridine	3.752	79	255781	41.496	ng	100
4) n-Nitrosodimethylamine	3.669	42	169578	44.289	ng	100
6) Aniline	7.177	93	308853	40.328	ng	100
8) 2-Chlorophenol	7.418	128	242007	40.099	ng	100
9) Benzaldehyde	6.989	77	214208	40.480	ng	100
10) Phenol	7.048	94	359938	39.454	ng	100
11) bis(2-Chloroethyl)ether	7.271	93	243280	39.538	ng	100
12) 1,3-Dichlorobenzene	7.735	146	289840	39.539	ng	100
13) 1,4-Dichlorobenzene	7.882	146	293674	39.344	ng	100
14) 1,2-Dichlorobenzene	8.199	146	283052	39.340	ng	100
15) Benzyl Alcohol	8.082	79	280778	41.033	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.370	45	440252	39.447	ng	100
17) 2-Methylphenol	8.287	107	227794	39.251	ng	100
18) Hexachloroethane	8.922	117	108584	40.649	ng	100
19) n-Nitroso-di-n-propyla...	8.646	70	236637	39.900	ng	100
20) 3+4-Methylphenols	8.616	107	312255	40.235	ng	100
22) Acetophenone	8.663	105	428158	40.524	ng	100
24) Nitrobenzene	9.039	77	384525	39.227	ng	100
25) Isophorone	9.562	82	632183	40.314	ng	100
26) 2-Nitrophenol	9.750	139	141920	39.366	ng	100
27) 2,4-Dimethylphenol	9.815	122	174190	39.301	ng	100
28) bis(2-Chloroethoxy)met...	10.044	93	326680	39.730	ng	100
29) 2,4-Dichlorophenol	10.291	162	269056	40.193	ng	100
30) 1,2,4-Trichlorobenzene	10.502	180	329716	40.044	ng	100
31) Naphthalene	10.685	128	831386	39.972	ng	100
32) Benzoic acid	9.962	122	159103m	41.096	ng	
33) 4-Chloroaniline	10.796	127	286317	40.790	ng	100
34) Hexachlorobutadiene	10.973	225	271763	40.104	ng	100
35) Caprolactam	11.554	113	87143	40.761	ng	100
36) 4-Chloro-3-methylphenol	11.924	107	301989	39.156	ng	100
37) 2-Methylnaphthalene	12.294	142	569675	38.611	ng	100
38) 1-Methylnaphthalene	12.518	142	578941	39.865	ng	100
40) 1,2,4,5-Tetrachloroben...	12.671	216	432257	39.745	ng	100
41) Hexachlorocyclopentadiene	12.647	237	145283	41.114	ng	100
43) 2,4,6-Trichlorophenol	12.911	196	269286	41.350	ng	100

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44) 2,4,5-Trichlorophenol	12.982	196	293886	41.050	ng	100
46) 1,1'-Biphenyl	13.311	154	812291	39.543	ng	100
47) 2-Chloronaphthalene	13.352	162	671877	39.054	ng	100
48) 2-Nitroaniline	13.558	65	250655	41.511	ng	100
49) Acenaphthylene	14.204	152	950311	39.129	ng	100
50) Dimethylphthalate	13.940	163	837111	38.808	ng	100
51) 2,6-Dinitrotoluene	14.057	165	182810	39.694	ng	100
52) Acenaphthene	14.545	154	590715	39.286	ng	100
53) 3-Nitroaniline	14.386	138	177313	40.551	ng	100
54) 2,4-Dinitrophenol	14.598	184	115470	41.110	ng	100
55) Dibenzofuran	14.880	168	1037371	39.128	ng	100
56) 4-Nitrophenol	14.703	139	134212	40.541	ng	100
57) 2,4-Dinitrotoluene	14.850	165	261781	39.742	ng	100
58) Fluorene	15.532	166	833183	39.657	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.109	232	273778	39.849	ng	100
60) Diethylphthalate	15.303	149	882605	39.849	ng	100
61) 4-Chlorophenyl-phenyle...	15.526	204	516416	39.546	ng	100
62) 4-Nitroaniline	15.549	138	188859	39.148	ng	100
63) Azobenzene	15.820	77	903572	39.442	ng	100
65) 4,6-Dinitro-2-methylph...	15.614	198	191877	39.747	ng	100
66) n-Nitrosodiphenylamine	15.743	169	723762	38.638	ng	100
67) 4-Bromophenyl-phenylether	16.419	248	360480	39.175	ng	100
68) Hexachlorobenzene	16.542	284	418860	39.291	ng	100
69) Atrazine	16.689	200	274938	31.929	ng	100
70) Pentachlorophenol	16.883	266	224410	42.311	ng	100
71) Phenanthrene	17.271	178	1406768	38.648	ng	100
72) Anthracene	17.365	178	1402155	39.247	ng	100
73) Carbazole	17.635	167	1275793	37.935	ng	100
74) Di-n-butylphthalate	18.199	149	1447731	37.914	ng	100
75) Fluoranthene	19.292	202	1914610	37.160	ng	100
77) Benzidine	19.474	184	423656	33.931	ng	100
78) Pyrene	19.656	202	1978032	41.176	ng	100
80) Butylbenzylphthalate	20.550	149	626121	40.452	ng	100
81) Benzo(a)anthracene	21.466	228	2044278	40.059	ng	100
82) 3,3'-Dichlorobenzidine	21.390	252	751005	39.692	ng	100
83) Chrysene	21.531	228	1933947	40.343	ng	100
84) Bis(2-ethylhexyl)phtha...	21.384	149	903215	40.226	ng	100
85) Di-n-octyl phthalate	22.530	149	1507843	40.138	ng	100
87) Indeno(1,2,3-cd)pyrene	27.953	276	2466949	39.644	ng	100
88) Benzo(b)fluoranthene	23.564	252	2128458	39.376	ng	100
89) Benzo(k)fluoranthene	23.628	252	2076064	40.256	ng	100
90) Benzo(a)pyrene	24.380	252	1846148	39.127	ng	100
91) Dibenzo(a,h)anthracene	28.005	278	2056054	39.583	ng	100
92) Benzo(g,h,i)perylene	29.010	276	2021491	39.373	ng	100

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

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