Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030724\
Data File : BG060590.D
Acq On : 7 Mar 2024 15:30
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 08 03:31:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 08 03:18:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.330	152	88839	20.000	ng		0.00
21) Naphthalene-d8	11.174	136	402814	20.000	ng		0.00
39) Acenaphthene-d10	14.952	164	265447	20.000	ng		0.00
64) Phenanthrene-d10	17.702	188	541454	20.000	ng		0.00
76) Chrysene-d12	22.026	240	472794	20.000	ng		0.00
86) Perylene-d12	25.581	264	547308	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.810	112	657733	122.702	ng		0.00
7) Phenol-d6	7.443	99	1002572	123.874	ng		0.00
23) Nitrobenzene-d5	9.529	82	927983	132.006	ng		0.00
42) 2,4,6-Tribromophenol	16.439	330	407161	125.996	ng		0.00
45) 2-Fluorobiphenyl	13.583	172	2298237	118.276	ng		0.00
79) Terphenyl-d14	20.281	244	3041970	113.636	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.654	88	138512	59.122	ng		98
3) Pyridine	4.071	79	432418	60.160	ng		96
4) n-Nitrosodimethylamine	4.000	42	225756	62.017	ng		100
6) Aniline	7.655	93	618686	61.737	ng		99
8) 2-Chlorophenol	7.878	128	378101	62.342	ng		97
9) Benzaldehyde	7.473	77	262329	57.214	ng		97
10) Phenol	7.473	94	494619	62.022	ng		97
11) bis(2-Chloroethyl)ether	7.743	93	393706	61.139	ng		98
12) 1,3-Dichlorobenzene	8.207	146	404538	60.474	ng		97
13) 1,4-Dichlorobenzene	8.366	146	407997	60.251	ng		98
14) 1,2-Dichlorobenzene	8.683	146	398837	60.459	ng		99
15) Benzyl Alcohol	8.571	79	407778	63.603	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.847	45	791843	62.282	ng		99
17) 2-Methylphenol	8.748	107	388900	62.412	ng		98
18) Hexachloroethane	9.417	117	140667	61.587	ng		91
19) n-Nitroso-di-n-propyla...	9.141	70	357808	63.230	ng		98
20) 3+4-Methylphenols	9.082	107	529828	63.578	ng		98
22) Acetophenone	9.171	105	675739	59.272	ng	#	98
24) Nitrobenzene	9.570	77	459743	63.950	ng		99
25) Isophorone	10.081	82	911989	58.227	ng		99
26) 2-Nitrophenol	10.275	139	171408	61.795	ng		97
27) 2,4-Dimethylphenol	10.299	122	387083	56.151	ng		99
28) bis(2-Chloroethoxy)met...	10.563	93	539815	59.436	ng		97
29) 2,4-Dichlorophenol	10.798	162	360686	59.618	ng		98
30) 1,2,4-Trichlorobenzene	11.016	180	393401	60.766	ng		99
31) Naphthalene	11.227	128	1347844	59.554	ng		99
32) Benzoic acid	10.440	122	244092	60.751	ng		95
33) 4-Chloroaniline	11.339	127	587983	59.897	ng		99
34) Hexachlorobutadiene	11.456	225	270326	60.046	ng		98
35) Caprolactam	12.149	113	128007	57.541	ng		94
36) 4-Chloro-3-methylphenol	12.408	107	470653	60.588	ng		99
37) 2-Methylnaphthalene	12.802	142	925616	58.192	ng		100
38) 1-Methylnaphthalene	13.019	142	870996	57.622	ng		97
40) 1,2,4,5-Tetrachloroben...	13.142	216	487380	61.804	ng		99
41) Hexachlorocyclopentadiene	13.101	237	259206	69.966	ng		96
43) 2,4,6-Trichlorophenol	13.383	196	326489	64.174	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.454	196	380151	63.136	ng	100
46) 1,1'-Biphenyl	13.795	154	1193247	60.396	ng	99
47) 2-Chloronaphthalene	13.848	162	904009	60.891	ng	99
48) 2-Nitroaniline	14.059	65	306496	61.209	ng	95
49) Acenaphthylene	14.688	152	1503826	60.750	ng	99
50) Dimethylphthalate	14.406	163	1200671	60.152	ng	100
51) 2,6-Dinitrotoluene	14.541	165	223191	61.799	ng	96
52) Acenaphthene	15.023	154	884091	59.556	ng	98
53) 3-Nitroaniline	14.876	138	253558	60.911	ng	99
54) 2,4-Dinitrophenol	15.070	184	91627	59.798	ng	97
55) Dibenzofuran	15.352	168	1424983	59.155	ng	98
56) 4-Nitrophenol	15.140	139	191442	64.488	ng	96
57) 2,4-Dinitrotoluene	15.316	165	271419	60.556	ng	96
58) Fluorene	15.998	166	1131934	58.059	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.557	232	322360m	63.836	ng	
60) Diethylphthalate	15.745	149	1241777	59.228	ng	99
61) 4-Chlorophenyl-phenyle...	15.980	204	576200	59.030	ng	98
62) 4-Nitroaniline	16.039	138	264855	60.166	ng	98
63) Azobenzene	16.274	77	1267286	59.089	ng	99
65) 4,6-Dinitro-2-methylph...	16.063	198	134043	61.825	ng	97
66) n-Nitrosodiphenylamine	16.204	169	1044868	61.873	ng	99
67) 4-Bromophenyl-phenylether	16.879	248	376461	62.331	ng	95
68) Hexachlorobenzene	16.967	284	407400	61.333	ng	96
69) Atrazine	17.138	200	359798	61.468	ng	98
70) Pentachlorophenol	17.320	266	285803	66.579	ng	97
71) Phenanthrene	17.743	178	1733551	59.477	ng	99
72) Anthracene	17.837	178	1787346	60.016	ng	100
73) Carbazole	18.113	167	1547481	59.659	ng	99
74) Di-n-butylphthalate	18.624	149	1962225	60.618	ng	98
75) Fluoranthene	19.735	202	1950514	58.412	ng	99
77) Benzidine	19.923	184	807879	67.637	ng	98
78) Pyrene	20.099	202	2018815	60.783	ng	98
80) Butylbenzylphthalate	20.969	149	831936	65.253	ng	98
81) Benzo(a)anthracene	22.003	228	2001505	60.937	ng	99
82) 3,3'-Dichlorobenzidine	21.915	252	711772	63.498	ng	98
83) Chrysene	22.079	228	1949774	60.983	ng	99
84) Bis(2-ethylhexyl)phtha...	21.850	149	1233278	65.478	ng	100
85) Di-n-octyl phthalate	23.189	149	2074268	66.043	ng	100
87) Indeno(1,2,3-cd)pyrene	29.717	276	2286195	61.043	ng	98
88) Benzo(b)fluoranthene	24.435	252	1862439	61.180	ng	98
89) Benzo(k)fluoranthene	24.517	252	2003984	62.666	ng	99
90) Benzo(a)pyrene	25.416	252	1871161	62.305	ng	97
91) Dibenzo(a,h)anthracene	29.811	278	1940188	61.562	ng	98
92) Benzo(g,h,i)perylene	31.033	276	1877760	61.097	ng	99

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

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