Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
Data File : BG059940.D
Acq On : 4 Dec 2023 20:46
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 05 01:46:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 01:36:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.964	152	66055	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	250014	20.000	ng	#	0.00
39) Acenaphthene-d10	14.597	164	231768	20.000	ng		0.00
64) Phenanthrene-d10	17.347	188	821098	20.000	ng	#	0.00
76) Chrysene-d12	21.624	240	1164341	20.000	ng	#	0.00
86) Perylene-d12	24.815	264	1360804	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	333722	112.132	ng		0.00
7) Phenol-d6	7.118	99	507098	111.117	ng		0.00
23) Nitrobenzene-d5	9.127	82	686098	95.023	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	718660	86.804	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	2283100	101.811	ng		0.00
79) Terphenyl-d14	19.973	244	5374311	79.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	50940	51.136	ng		96
3) Pyridine	3.827	79	144176	49.940	ng		90
4) n-Nitrosodimethylamine	3.745	42	78852	38.988	ng		91
6) Aniline	7.288	93	271980	55.489	ng		98
8) 2-Chlorophenol	7.517	128	164658	54.978	ng		95
9) Benzaldehyde	7.100	77	153139m	44.059	ng		
10) Phenol	7.141	94	257347	56.383	ng		97
11) bis(2-Chloroethyl)ether	7.382	93	174178	60.868	ng		93
12) 1,3-Dichlorobenzene	7.852	146	218290	46.182	ng		95
13) 1,4-Dichlorobenzene	7.999	146	237661m	49.555	ng		
14) 1,2-Dichlorobenzene	8.316	146	223574	45.861	ng		95
15) Benzyl Alcohol	8.193	79	257873	48.941	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.487	45	83412	77.556	ng		95
17) 2-Methylphenol	8.393	107	157930	48.335	ng		94
18) Hexachloroethane	9.045	117	91887	44.822	ng		90
19) n-Nitroso-di-n-propyla...	8.769	70	198186	53.645	ng	#	93
20) 3+4-Methylphenols	8.722	107	238899	50.772	ng		94
22) Acetophenone	8.780	105	392529	48.858	ng	#	99
24) Nitrobenzene	9.162	77	340805	48.546	ng	#	97
25) Isophorone	9.691	82	572640	52.020	ng		96
26) 2-Nitrophenol	9.873	139	108295	48.485	ng	#	89
27) 2,4-Dimethylphenol	9.932	122	144861	53.613	ng		85
28) bis(2-Chloroethoxy)met...	10.173	93	261216	56.953	ng		95
29) 2,4-Dichlorophenol	10.408	162	302903	46.877	ng		93
30) 1,2,4-Trichlorobenzene	10.625	180	430229	43.922	ng		91
31) Naphthalene	10.819	128	624156	49.576	ng	#	96
32) Benzoic acid	10.067	122	143123m	55.702	ng		
33) 4-Chloroaniline	10.919	127	238892	50.590	ng		93
34) Hexachlorobutadiene	11.107	225	493056	42.636	ng		93
35) Caprolactam	11.695	113	58384	50.406	ng		92
36) 4-Chloro-3-methylphenol	12.035	107	224232	39.756	ng		89
37) 2-Methylnaphthalene	12.429	142	506760	42.174	ng		97
38) 1-Methylnaphthalene	12.646	142	537208	46.442	ng		89
40) 1,2,4,5-Tetrachloroben...	12.787	216	892400	54.190	ng		99
41) Hexachlorocyclopentadiene	12.770	237	423553	52.198	ng		91
43) 2,4,6-Trichlorophenol	13.028	196	443579	51.998	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	492994	51.638	ng		95
46) 1,1'-Biphenyl	13.434	154	875641	52.775	ng		97
47) 2-Chloronaphthalene	13.475	162	807643	54.475	ng		97
48) 2-Nitroaniline	13.675	65	153331	52.006	ng		99
49) Acenaphthylene	14.321	152	1066625	55.538	ng		98
50) Dimethylphthalate	14.057	163	1030331	51.563	ng		99
51) 2,6-Dinitrotoluene	14.174	165	229181	53.685	ng		97
52) Acenaphthene	14.668	154	698185	48.497	ng		95
53) 3-Nitroaniline	14.503	138	127470	49.899	ng	#	95
54) 2,4-Dinitrophenol	14.697	184	188248	52.509	ng		86
55) Dibenzofuran	14.997	168	1156733	45.663	ng		96
56) 4-Nitrophenol	14.791	139	109625	54.766	ng	#	81
57) 2,4-Dinitrotoluene	14.956	165	288056	45.469	ng	#	97
58) Fluorene	15.649	166	1026196	46.019	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.220	232	531447	46.454	ng		98
60) Diethylphthalate	15.426	149	811439	47.545	ng		98
61) 4-Chlorophenyl-phenyle...	15.643	204	929327	47.021	ng		98
62) 4-Nitroaniline	15.666	138	146069	49.929	ng	#	82
63) Azobenzene	15.937	77	865448	49.599	ng		97
65) 4,6-Dinitro-2-methylph...	15.719	198	302221	48.194	ng		97
66) n-Nitrosodiphenylamine	15.854	169	909561	51.011	ng		98
67) 4-Bromophenyl-phenylether	16.542	248	698204	44.560	ng		99
68) Hexachlorobenzene	16.648	284	772023	44.359	ng		97
69) Atrazine	16.806	200	428312	44.771	ng		98
70) Pentachlorophenol	16.988	266	543770	46.181	ng		96
71) Phenanthrene	17.394	178	1858646	48.285	ng		99
72) Anthracene	17.482	178	1897315	48.400	ng		98
73) Carbazole	17.752	167	1426462	49.459	ng		95
74) Di-n-butylphthalate	18.322	149	1237686	51.461	ng		98
75) Fluoranthene	19.403	202	2965907	45.352	ng		100
77) Benzidine	19.585	184	300867	25.205	ng		100
78) Pyrene	19.768	202	3031383	48.166	ng		97
80) Butylbenzylphthalate	20.666	149	417970	49.308	ng		95
81) Benzo(a)anthracene	21.607	228	3760474	48.724	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	1165557	46.227	ng		99
83) Chrysene	21.671	228	3530122	48.309	ng		98
84) Bis(2-ethylhexyl)phtha...	21.524	149	647437	52.361	ng		100
85) Di-n-octyl phthalate	22.741	149	1137052	51.605	ng		99
87) Indeno(1,2,3-cd)pyrene	28.469	276	4882001	48.492	ng	#	100
88) Benzo(b)fluoranthene	23.804	252	4099539	47.137	ng		100
89) Benzo(k)fluoranthene	23.874	252	3919259	46.700	ng		98
90) Benzo(a)pyrene	24.668	252	3599756	48.362	ng	#	96
91) Dibenzo(a,h)anthracene	28.545	278	4135624	48.120	ng	#	100
92) Benzo(g,h,i)perylene	29.615	276	3944439	48.611	ng	#	98

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

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