Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
Data File : BG059925.D
Acq On : 1 Dec 2023 19:50
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 02 02:23:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 02:20:10 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.964	152	32765	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	128476	20.000	ng	#	0.00
39) Acenaphthene-d10	14.602	164	139699	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	523085	20.000	ng	#	0.00
76) Chrysene-d12	21.616	240	709969	20.000	ng	#	0.00
86) Perylene-d12	24.812	264	816728	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	16536	8.170	ng		0.00
7) Phenol-d6	7.112	99	23718	8.113	ng		0.00
23) Nitrobenzene-d5	9.121	82	35106	14.556	ng		0.00
42) 2,4,6-Tribromophenol	16.082	330	45288	17.458	ng		0.00
45) 2-Fluorobiphenyl	13.221	172	138522	13.023	ng		0.00
79) Terphenyl-d14	19.971	244	484656	11.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	3032m	4.828	ng		
3) Pyridine	3.828	79	7916	4.741	ng	#	85
4) n-Nitrosodimethylamine	3.752	42	4422	4.402	ng	#	78
6) Aniline	7.282	93	12253	3.941	ng	#	85
8) 2-Chlorophenol	7.523	128	8044	3.594	ng	#	82
9) Benzaldehyde	7.100	77	9869m	5.080	ng		
10) Phenol	7.141	94	12395	4.118	ng	#	67
11) bis(2-Chloroethyl)ether	7.388	93	7817	3.412	ng		93
12) 1,3-Dichlorobenzene	7.846	146	12147	4.708	ng		92
13) 1,4-Dichlorobenzene	8.005	146	11697m	4.387	ng		
14) 1,2-Dichlorobenzene	8.316	146	13917m	5.368	ng		
15) Benzyl Alcohol	8.193	79	12812	5.380	ng	#	81
17) 2-Methylphenol	8.399	107	8394	4.021	ng	#	76
18) Hexachloroethane	9.056	117	5482	5.588	ng		88
19) n-Nitroso-di-n-propyla...	8.757	70	8567	4.112	ng	#	73
20) 3+4-Methylphenols	8.722	107	12087	4.069	ng	#	76
22) Acetophenone	8.774	105	19967	5.511	ng	#	83
24) Nitrobenzene	9.162	77	16205	6.342	ng		99
25) Isophorone	9.685	82	27218	5.102	ng	#	89
26) 2-Nitrophenol	9.867	139	5050	6.057	ng		91
27) 2,4-Dimethylphenol	9.926	122	5884	3.911	ng	#	75
28) bis(2-Chloroethoxy)met...	10.178	93	11669	4.047	ng	#	87
29) 2,4-Dichlorophenol	10.408	162	16910	7.496	ng		93
30) 1,2,4-Trichlorobenzene	10.625	180	26000	9.206	ng		88
31) Naphthalene	10.819	128	37279	5.263	ng	#	94
33) 4-Chloroaniline	10.919	127	11844	4.191	ng	#	79
34) Hexachlorobutadiene	11.112	225	27742	12.021	ng		91
35) Caprolactam	11.653	113	3368	4.679	ng		90
36) 4-Chloro-3-methylphenol	12.035	107	12639	4.931	ng	#	87
37) 2-Methylnaphthalene	12.428	142	30717	5.850	ng		94
38) 1-Methylnaphthalene	12.640	142	30443	5.721	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.793	216	49019	9.430	ng		98
41) Hexachlorocyclopentadiene	12.775	237	20589	9.637	ng		94
43) 2,4,6-Trichlorophenol	13.028	196	28264	8.858	ng	#	80
44) 2,4,5-Trichlorophenol	13.092	196	30060	8.349	ng		91
46) 1,1'-Biphenyl	13.427	154	52899	5.070	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.474	162	47123	5.376	ng		94
48)	2-Nitroaniline	13.674	65	9138	4.179	ng		95
49)	Acenaphthylene	14.320	152	63868	4.888	ng	#	92
50)	Dimethylphthalate	14.050	163	63103	5.534	ng	#	98
51)	2,6-Dinitrotoluene	14.167	165	14079	7.021	ng	#	79
52)	Acenaphthene	14.661	154	42577	5.092	ng	#	77
53)	3-Nitroaniline	14.484	138	9896	5.302	ng	#	59
55)	Dibenzofuran	14.995	168	80463	6.046	ng	#	96
56)	4-Nitrophenol	14.778	139	6887	4.558	ng	#	36
57)	2,4-Dinitrotoluene	14.948	165	19690	7.262	ng	#	96
58)	Fluorene	15.642	166	66742	6.110	ng		95
59)	2,3,4,6-Tetrachlorophenol	15.213	232	31323	8.915	ng	#	96
60)	Diethylphthalate	15.418	149	53701	4.796	ng	#	89
61)	4-Chlorophenyl-phenyle...	15.642	204	59527	9.072	ng		92
62)	4-Nitroaniline	15.648	138	9644	4.765	ng	#	68
63)	Azobenzene	15.935	77	50512	4.750	ng		95
65)	4,6-Dinitro-2-methylph...	15.712	198	19115	8.309	ng		92
66)	n-Nitrosodiphenylamine	15.853	169	56209	4.094	ng		94
67)	4-Bromophenyl-phenylether	16.535	248	47859	6.986	ng		94
68)	Hexachlorobenzene	16.646	284	51553	6.396	ng	#	96
69)	Atrazine	16.793	200	33802	6.372	ng		82
70)	Pentachlorophenol	16.987	266	30665	6.436	ng	#	78
71)	Phenanthrene	17.386	178	123786	4.712	ng		95
72)	Anthracene	17.480	178	126019	4.757	ng		99
73)	Carbazole	17.745	167	88511	3.696	ng		98
74)	Di-n-butylphthalate	18.320	149	76432	2.736	ng	#	94
75)	Fluoranthene	19.401	202	212313	6.015	ng		99
77)	Benzidine	19.577	184	37992	3.082	ng	#	92
78)	Pyrene	19.765	202	201771	4.130	ng		97
81)	Benzo(a)anthracene	21.598	228	239931	4.880	ng		96
82)	3,3'-Dichlorobenzidine	21.516	252	80042	5.037	ng	#	99
83)	Chrysene	21.663	228	236456	5.077	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.436	276	315327	5.171	ng	#	73
88)	Benzo(b)fluoranthene	23.795	252	279456	5.436	ng		94
89)	Benzo(k)fluoranthene	23.860	252	267436m	5.348	ng		
90)	Benzo(a)pyrene	24.665	252	229488	5.070	ng	#	99
91)	Dibenzo(a,h)anthracene	28.524	278	260227	5.085	ng	#	94
92)	Benzo(g,h,i)perylene	29.587	276	260941	5.176	ng		99

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

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