Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
Data File : BG059926.D
Acq On : 1 Dec 2023 20:31
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 02:24:03 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 :
SSTDICC010

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	7.965	152	32972	20.000	ng		0.00
21) Naphthalene-d8	10.767	136	129827	20.000	ng	#	0.00
39) Acenaphthene-d10	14.603	164	151958	20.000	ng		0.00
64) Phenanthrene-d10	17.346	188	543286	20.000	ng		0.00
76) Chrysene-d12	21.617	240	759652	20.000	ng	#	0.00
86) Perylene-d12	24.812	264	874080	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	29619	14.542	ng		0.00
7) Phenol-d6	7.107	99	43378	14.745	ng		0.00
23) Nitrobenzene-d5	9.122	82	68659	28.171	ng		0.00
42) 2,4,6-Tribromophenol	16.083	330	93095	32.991	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	258043	22.303	ng		0.00
79) Terphenyl-d14	19.972	244	983679	21.500	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	4599m	7.277	ng		
3) Pyridine	3.829	79	12770m	7.601	ng		
4) n-Nitrosodimethylamine	3.747	42	9513m	9.410	ng		
6) Aniline	7.289	93	22573	7.214	ng	#	92
8) 2-Chlorophenol	7.524	128	13299	5.905	ng		88
9) Benzaldehyde	7.101	77	18554	9.490	ng		93
10) Phenol	7.142	94	22973	7.585	ng	#	82
11) bis(2-Chloroethyl)ether	7.377	93	13466	5.841	ng		90
12) 1,3-Dichlorobenzene	7.847	146	24166	9.308	ng		91
13) 1,4-Dichlorobenzene	8.000	146	24135m	8.995	ng		
14) 1,2-Dichlorobenzene	8.311	146	23973	9.188	ng		100
15) Benzyl Alcohol	8.194	79	23177	9.671	ng	#	87
17) 2-Methylphenol	8.393	107	16145	7.686	ng	#	74
18) Hexachloroethane	9.046	117	10034	10.165	ng		82
19) n-Nitroso-di-n-propyla...	8.764	70	17298	8.251	ng	#	93
20) 3+4-Methylphenols	8.717	107	22156	7.412	ng		86
22) Acetophenone	8.781	105	38763	10.587	ng	#	91
24) Nitrobenzene	9.163	77	33290	12.892	ng	#	94
25) Isophorone	9.686	82	50631	9.391	ng	#	94
26) 2-Nitrophenol	9.874	139	11537	13.694	ng	#	71
27) 2,4-Dimethylphenol	9.933	122	12135	7.982	ng		91
28) bis(2-Chloroethoxy)met...	10.173	93	20268	6.956	ng	#	97
29) 2,4-Dichlorophenol	10.408	162	31103	13.643	ng		93
30) 1,2,4-Trichlorobenzene	10.632	180	47456	16.628	ng	#	90
31) Naphthalene	10.820	128	58370	8.155	ng	#	90
32) Benzoic acid	9.980	122	9738	7.250	ng		90
33) 4-Chloroaniline	10.919	127	22493	7.875	ng	#	89
34) Hexachlorobutadiene	11.107	225	54068	23.185	ng		95
35) Caprolactam	11.654	113	5749	7.904	ng	#	73
36) 4-Chloro-3-methylphenol	12.030	107	27507	10.621	ng		89
37) 2-Methylnaphthalene	12.429	142	56778	10.701	ng		92
38) 1-Methylnaphthalene	12.647	142	55875	10.391	ng		98
40) 1,2,4,5-Tetrachloroben...	12.793	216	94023	16.628	ng		99
41) Hexachlorocyclopentadiene	12.776	237	43700	18.804	ng	#	77
43) 2,4,6-Trichlorophenol	13.022	196	46746m	13.468	ng		
44) 2,4,5-Trichlorophenol	13.093	196	54124	13.820	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.434	154	97164	8.561	ng		95
47) 2-Chloronaphthalene	13.475	162	87486	9.176	ng		95
48) 2-Nitroaniline	13.675	65	18499	7.778	ng	#	77
49) Acenaphthylene	14.321	152	111768	7.864	ng		96
50) Dimethylphthalate	14.051	163	120270	9.697	ng	#	98
51) 2,6-Dinitrotoluene	14.168	165	27485	12.601	ng	#	85
52) Acenaphthene	14.667	154	84824	9.327	ng		86
53) 3-Nitroaniline	14.491	138	16065	7.912	ng		96
54) 2,4-Dinitrophenol	14.691	184	18564	16.675	ng		93
55) Dibenzofuran	14.996	168	153395	10.597	ng	#	96
56) 4-Nitrophenol	14.785	139	11179	6.801	ng	#	83
57) 2,4-Dinitrotoluene	14.949	165	41109	13.938	ng		97
58) Fluorene	15.642	166	135056	11.367	ng		88
59) 2,3,4,6-Tetrachlorophenol	15.220	232	72619	19.002	ng		95
60) Diethylphthalate	15.419	149	99910	8.204	ng		99
61) 4-Chlorophenyl-phenyle...	15.642	204	117990	16.532	ng		95
62) 4-Nitroaniline	15.654	138	18194	8.264	ng	#	84
63) Azobenzene	15.936	77	106107	9.173	ng		98
65) 4,6-Dinitro-2-methylph...	15.707	198	38833	16.253	ng		98
66) n-Nitrosodiphenylamine	15.854	169	102309	7.174	ng		92
67) 4-Bromophenyl-phenylether	16.535	248	96568	13.571	ng		97
68) Hexachlorobenzene	16.647	284	108391	12.947	ng		94
69) Atrazine	16.800	200	71435	12.965	ng		93
70) Pentachlorophenol	16.988	266	71168	14.381	ng		98
71) Phenanthrene	17.387	178	235043	8.615	ng		95
72) Anthracene	17.481	178	239253	8.695	ng		98
73) Carbazole	17.746	167	180024	7.237	ng		94
74) Di-n-butylphthalate	18.315	149	147868	5.097	ng	#	96
75) Fluoranthene	19.402	202	416056	11.349	ng		99
77) Benzidine	19.584	184	46473	3.524	ng		99
78) Pyrene	19.766	202	406145	7.769	ng		99
80) Butylbenzylphthalate	20.665	149	55014	3.221	ng	#	87
81) Benzo(a)anthracene	21.599	228	487062	9.258	ng		99
82) 3,3'-Dichlorobenzidine	21.517	252	155728	9.159	ng	#	97
83) Chrysene	21.664	228	465517	9.341	ng		97
84) Bis(2-ethylhexyl)phtha...	21.523	149	79750	3.148	ng		90
85) Di-n-octyl phthalate	22.739	149	140779	3.239	ng		99
87) Indeno(1,2,3-cd)pyrene	28.449	276	625430	9.583	ng	#	93
88) Benzo(b)fluoranthene	23.796	252	567942m	10.322	ng		
89) Benzo(k)fluoranthene	23.861	252	517874	9.677	ng		99
90) Benzo(a)pyrene	24.654	252	458339	9.462	ng	#	95
91) Dibenzo(a,h)anthracene	28.519	278	533076	9.734	ng	#	99
92) Benzo(g,h,i)perylene	29.582	276	496142	9.195	ng		99

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

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