Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
Data File : BG060183.D
Acq On : 29 Dec 2023 16:39
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 30 03:11:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 02:56:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	216365	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	928951	20.000	ng		0.00
39) Acenaphthene-d10	14.581	164	704682	20.000	ng		0.00
64) Phenanthrene-d10	17.325	188	1656994	20.000	ng		0.00
76) Chrysene-d12	21.596	240	1431305	20.000	ng		0.00
86) Perylene-d12	24.775	264	1563982	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.509	112	2430249	169.532	ng		0.00
7) Phenol-d6	7.107	99	3403973	159.929	ng		0.00
23) Nitrobenzene-d5	9.111	82	3295479	163.860	ng		0.00
42) 2,4,6-Tribromophenol	16.073	330	1525304	161.700	ng		0.00
45) 2-Fluorobiphenyl	13.206	172	6199932	126.450	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	509327	79.860	ng		98
3) Pyridine	3.811	79	1619411m	89.619	ng		
4) n-Nitrosodimethylamine	3.729	42	585870	87.091	ng		93
6) Aniline	7.272	93	1791193	83.995	ng		98
8) 2-Chlorophenol	7.507	128	1135042	82.387	ng		96
9) Benzaldehyde	7.078	77	809433	63.384	ng		94
10) Phenol	7.136	94	1753738	81.708	ng		97
11) bis(2-Chloroethyl)ether	7.366	93	1401400	80.687	ng		100
12) 1,3-Dichlorobenzene	7.830	146	1328293	78.103	ng		98
13) 1,4-Dichlorobenzene	7.977	146	1347611	78.379	ng		100
14) 1,2-Dichlorobenzene	8.294	146	1345511	80.048	ng		96
15) Benzyl Alcohol	8.182	79	1188689	90.245	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.470	45	1804407	80.950	ng		99
17) 2-Methylphenol	8.382	107	1158266	86.183	ng		98
18) Hexachloroethane	9.023	117	459087	84.781	ng		95
19) n-Nitroso-di-n-propyla...	8.752	70	1250935	86.032	ng		95
20) 3+4-Methylphenols	8.717	107	1636766	85.929	ng		98
22) Acetophenone	8.764	105	2193812	79.708	ng	#	98
24) Nitrobenzene	9.152	77	1747747	84.937	ng		98
25) Isophorone	9.669	82	3305377	78.554	ng		98
26) 2-Nitrophenol	9.857	139	663562	92.413	ng		90
27) 2,4-Dimethylphenol	9.916	122	867094	85.252	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	1970471	79.955	ng		100
29) 2,4-Dichlorophenol	10.392	162	1370692	85.271	ng		94
30) 1,2,4-Trichlorobenzene	10.609	180	1556398	79.551	ng		96
31) Naphthalene	10.797	128	3783193	77.141	ng		98
32) Benzoic acid	10.098	122	814334	81.166	ng		93
33) 4-Chloroaniline	10.909	127	1630079	85.108	ng		98
34) Hexachlorobutadiene	11.079	225	916394	78.754	ng		98
35) Caprolactam	11.708	113	460174	86.061	ng		92
36) 4-Chloro-3-methylphenol	12.031	107	1421552	85.931	ng		99
37) 2-Methylnaphthalene	12.401	142	2841000	80.200	ng		96
38) 1-Methylnaphthalene	12.624	142	2849990	79.575	ng		99
40) 1,2,4,5-Tetrachloroben...	12.771	216	1795531	79.546	ng		99
41) Hexachlorocyclopentadiene	12.748	237	651288	89.267	ng		95
43) 2,4,6-Trichlorophenol	13.012	196	1278087	86.164	ng		97

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44) 2,4,5-Trichlorophenol	13.082	196	1425873	85.929	ng		99
46) 1,1'-Biphenyl	13.412	154	3859193	74.435	ng		92
47) 2-Chloronaphthalene	13.459	162	3421414	77.457	ng		95
48) 2-Nitroaniline	13.658	65	1056577	91.529	ng		96
49) Acenaphthylene	14.305	152	4653329	73.115	ng	#	90
50) Dimethylphthalate	14.040	163	3956332	72.718	ng	#	95
51) 2,6-Dinitrotoluene	14.158	165	1001628	88.511	ng		97
52) Acenaphthene	14.645	154	3052121	76.850	ng		96
53) 3-Nitroaniline	14.493	138	928266	87.054	ng		98
54) 2,4-Dinitrophenol	14.692	184	540850	81.858	ng		96
55) Dibenzofuran	14.980	168	4660974	70.063	ng	#	89
56) 4-Nitrophenol	14.798	139	749012	92.928	ng		96
57) 2,4-Dinitrotoluene	14.945	165	1353719	87.973	ng		96
58) Fluorene	15.627	166	3979914	72.943	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	1217957	84.211	ng		99
60) Diethylphthalate	15.397	149	3820627	73.638	ng	#	92
61) 4-Chlorophenyl-phenyle...	15.621	204	2177929	76.659	ng		97
62) 4-Nitroaniline	15.662	138	961047	85.489	ng		94
63) Azobenzene	15.914	77	3978937	73.970	ng		90
65) 4,6-Dinitro-2-methylph...	15.709	198	790916	95.393	ng		97
66) n-Nitrosodiphenylamine	15.838	169	3496963	78.318	ng		95
67) 4-Bromophenyl-phenylether	16.514	248	1437895	81.849	ng		97
68) Hexachlorobenzene	16.631	284	1638620	79.554	ng		93
69) Atrazine	16.784	200	1272096	77.516	ng		99
70) Pentachlorophenol	16.972	266	1053490	93.400	ng		99
71) Phenanthrene	17.372	178	5474265	66.838	ng	#	84
72) Anthracene	17.460	178	5479319	67.350	ng	#	84
73) Carbazole	17.730	167	5282482	68.460	ng	#	86
74) Di-n-butylphthalate	18.288	149	4971842	66.489	ng	#	87
75) Fluoranthene	19.387	202	5812326	60.500	ng		81
77) Benzidine	19.569	184	3010251	75.990	ng		96
78) Pyrene	19.745	202	6055389	62.937	ng	#	76
80) Butylbenzylphthalate	20.638	149	2545245	89.717	ng		97
81) Benzo(a)anthracene	21.578	228	6156991	67.657	ng	#	82
82) 3,3'-Dichlorobenzidine	21.496	252	2698238	81.535	ng		99
83) Chrysene	21.643	228	5990763	67.760	ng	#	79
84) Bis(2-ethylhexyl)phtha...	21.484	149	3617543	84.085	ng		93
85) Di-n-octyl phthalate	22.683	149	5758398	81.768	ng		96
87) Indeno(1,2,3-cd)pyrene	28.406	276	9136384	82.859	ng	#	94
88) Benzo(b)fluoranthene	23.770	252	7126232	75.822	ng	#	90
89) Benzo(k)fluoranthene	23.840	252	7067859	74.716	ng	#	92
90) Benzo(a)pyrene	24.628	252	6708119	78.890	ng	#	94
91) Dibenzo(a,h)anthracene	28.476	278	7382536	81.486	ng		96
92) Benzo(g,h,i)perylene	29.557	276	7556525	82.344	ng		98

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

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