Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057487.D
Acq On : 22 May 2023 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 22 11:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

05/23/2023
Supervised By :Jagrut Upadhyay

05/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.362	152	20205	20.000	ng		0.00
21) Naphthalene-d8	11.199	136	79659	20.000	ng		0.00
39) Acenaphthene-d10	14.976	164	62038	20.000	ng		0.00
64) Phenanthrene-d10	17.720	188	159132	20.000	ng		0.00
76) Chrysene-d12	22.032	240	129556	20.000	ng		0.01
86) Perylene-d12	25.539	264	140421	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.877	112	90806	76.879	ng		0.00
7) Phenol-d6	7.504	99	139825	77.956	ng		0.00
23) Nitrobenzene-d5	9.543	82	142360	75.007	ng		0.00
42) 2,4,6-Tribromophenol	16.463	330	80552	91.510	ng		0.00
45) 2-Fluorobiphenyl	13.602	172	375460	81.510	ng		0.00
79) Terphenyl-d14	20.287	244	641901	80.855	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.674	88	16695	34.185	ng		96
3) Pyridine	4.097	79	54256	34.569	ng		94
4) n-Nitrosodimethylamine	4.003	42	24055	32.614	ng	#	95
6) Aniline	7.675	93	87057	38.260	ng		95
8) 2-Chlorophenol	7.921	128	49541	39.693	ng		97
9) Benzaldehyde	7.487	77	34353	35.293	ng		96
10) Phenol	7.528	94	65705	37.579	ng		97
11) bis(2-Chloroethyl)ether	7.763	93	49847	37.807	ng		98
12) 1,3-Dichlorobenzene	8.250	146	55618	40.376	ng		97
13) 1,4-Dichlorobenzene	8.397	146	55666	40.231	ng		95
14) 1,2-Dichlorobenzene	8.720	146	53556	40.094	ng		99
15) Benzyl Alcohol	8.597	79	56906	38.084	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.885	45	61389m	36.942	ng		
17) 2-Methylphenol	8.803	107	49984	39.658	ng		97
18) Hexachloroethane	9.460	117	19902	39.857	ng		96
19) n-Nitroso-di-n-propyla...	9.161	70	49823	36.429	ng		99
20) 3+4-Methylphenols	9.131	107	69748	40.414	ng		94
22) Acetophenone	9.190	105	88304	38.731	ng	#	95
24) Nitrobenzene	9.584	77	71702	37.429	ng		94
25) Isophorone	10.101	82	137382	37.329	ng		99
26) 2-Nitrophenol	10.300	139	31431	42.865	ng		98
27) 2,4-Dimethylphenol	10.347	122	52786	41.112	ng		99
28) bis(2-Chloroethoxy)met...	10.577	93	70752	38.374	ng		97
29) 2,4-Dichlorophenol	10.847	162	57323	42.093	ng		98
30) 1,2,4-Trichlorobenzene	11.058	180	63328	40.318	ng		98
31) Naphthalene	11.252	128	170621	40.064	ng		98
32) Benzoic acid	10.500	122	29744m	40.942	ng		
33) 4-Chloroaniline	11.352	127	77642	40.597	ng		98
34) Hexachlorobutadiene	11.522	225	47100	40.412	ng		98
35) Caprolactam	12.133	113	20244	43.519	ng		87
36) 4-Chloro-3-methylphenol	12.451	107	66065	42.689	ng		97
37) 2-Methylnaphthalene	12.826	142	138821	41.460	ng		94
38) 1-Methylnaphthalene	13.044	142	128723	40.787	ng		97
40) 1,2,4,5-Tetrachloroben...	13.191	216	90099	40.909	ng		99
41) Hexachlorocyclopentadiene	13.161	237	30162	32.545	ng		95
43) 2,4,6-Trichlorophenol	13.426	196	56657	42.225	ng		98

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44) 2,4,5-Trichlorophenol	13.508	196	66049	41.848	ng		97
46) 1,1'-Biphenyl	13.813	154	187362	40.700	ng		99
47) 2-Chloronaphthalene	13.866	162	138486	40.455	ng		99
48) 2-Nitroaniline	14.066	65	48156	41.372	ng		98
49) Acenaphthylene	14.706	152	232071	41.728	ng		99
50) Dimethylphthalate	14.413	163	202107	39.644	ng		100
51) 2,6-Dinitrotoluene	14.548	165	43368	41.665	ng		89
52) Acenaphthene	15.041	154	139868	40.247	ng		98
53) 3-Nitroaniline	14.883	138	43650	41.859	ng		93
54) 2,4-Dinitrophenol	15.100	184	29533	47.917	ng		97
55) Dibenzofuran	15.376	168	242236	41.485	ng		98
56) 4-Nitrophenol	15.188	139	28599	41.236	ng		96
57) 2,4-Dinitrotoluene	15.335	165	64548	43.391	ng		95
58) Fluorene	16.022	166	197634	41.091	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.599	232	60464	42.255	ng		99
60) Diethylphthalate	15.758	149	205803	39.752	ng		99
61) 4-Chlorophenyl-phenyle...	15.999	204	116821	40.319	ng		96
62) 4-Nitroaniline	16.040	138	46047	43.772	ng		93
63) Azobenzene	16.292	77	189708	37.978	ng		96
65) 4,6-Dinitro-2-methylph...	16.104	198	43290	45.565	ng		94
66) n-Nitrosodiphenylamine	16.210	169	174992	40.488	ng		99
67) 4-Bromophenyl-phenylether	16.892	248	79635	40.994	ng		99
68) Hexachlorobenzene	17.027	284	78794	41.739	ng		96
69) Atrazine	17.144	200	67951	41.215	ng		98
70) Pentachlorophenol	17.373	266	47267	43.446	ng		98
71) Phenanthrene	17.761	178	326194	40.003	ng		99
72) Anthracene	17.855	178	340854	40.738	ng		97
73) Carbazole	18.119	167	285396	40.517	ng		98
74) Di-n-butylphthalate	18.636	149	331666	40.925	ng		98
75) Fluoranthene	19.752	202	386353	38.095	ng		99
77) Benzidine	19.917	184	125720	43.405	ng		100
78) Pyrene	20.111	202	389375	41.360	ng		100
80) Butylbenzylphthalate	20.962	149	134782	45.121	ng		95
81) Benzo(a)anthracene	22.008	228	369078	39.985	ng		99
82) 3,3'-Dichlorobenzidine	21.902	252	120358	40.709	ng		98
83) Chrysene	22.079	228	350313	40.337	ng		99
84) Bis(2-ethylhexyl)phtha...	21.850	149	192622	43.584	ng		99
85) Di-n-octyl phthalate	23.148	149	320628	43.516	ng		98
87) Indeno(1,2,3-cd)pyrene	29.604	276	406306	39.701	ng	#	59
88) Benzo(b)fluoranthene	24.417	252	348015	37.913	ng		100
89) Benzo(k)fluoranthene	24.487	252	360479	38.646	ng		99
90) Benzo(a)pyrene	25.374	252	347216	38.718	ng		98
91) Dibenzo(a,h)anthracene	29.645	278	340466	39.947	ng		99
92) Benzo(g,h,i)perylene	30.878	276	330881	39.760	ng		100

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

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