Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057470.D
Acq On : 19 May 2023 16:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 04:28:15 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 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.362	152	17257	20.000	ng		0.00
21) Naphthalene-d8	11.194	136	69085	20.000	ng		0.00
39) Acenaphthene-d10	14.977	164	54502	20.000	ng		0.00
64) Phenanthrene-d10	17.714	188	134753	20.000	ng		0.00
76) Chrysene-d12	22.020	240	121600	20.000	ng		0.00
86) Perylene-d12	25.515	264	135114	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.871	112	82386	81.666	ng		0.00
7) Phenol-d6	7.499	99	127769	83.404	ng		0.00
23) Nitrobenzene-d5	9.537	82	127583	77.510	ng		0.00
42) 2,4,6-Tribromophenol	16.457	330	66986	86.621	ng		0.00
45) 2-Fluorobiphenyl	13.596	172	331393	81.890	ng		0.00
79) Terphenyl-d14	20.281	244	580225	77.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.674	88	16879	40.465	ng		95
3) Pyridine	4.097	79	51816	38.654	ng		99
4) n-Nitrosodimethylamine	4.009	42	23107	36.681	ng	#	92
6) Aniline	7.669	93	77126	39.686	ng		97
8) 2-Chlorophenol	7.922	128	44063	41.335	ng		99
9) Benzaldehyde	7.487	77	30429	36.916	ng		96
10) Phenol	7.528	94	60656	40.617	ng		98
11) bis(2-Chloroethyl)ether	7.757	93	44327	39.364	ng		99
12) 1,3-Dichlorobenzene	8.251	146	47894	40.708	ng		96
13) 1,4-Dichlorobenzene	8.397	146	48927	41.401	ng		97
14) 1,2-Dichlorobenzene	8.721	146	47595	41.718	ng		97
15) Benzyl Alcohol	8.591	79	49640	38.896	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.873	45	52180	36.764	ng		98
17) 2-Methylphenol	8.797	107	44658	41.485	ng		96
18) Hexachloroethane	9.455	117	16999	39.859	ng		93
19) n-Nitroso-di-n-propyla...	9.161	70	43771	37.471	ng	#	99
20) 3+4-Methylphenols	9.126	107	60721	41.194	ng		96
22) Acetophenone	9.190	105	76872	38.877	ng	#	95
24) Nitrobenzene	9.584	77	63570	38.264	ng		95
25) Isophorone	10.101	82	119727	37.511	ng		97
26) 2-Nitrophenol	10.301	139	27505	43.252	ng		97
27) 2,4-Dimethylphenol	10.342	122	46640	41.885	ng		97
28) bis(2-Chloroethoxy)met...	10.571	93	61273	38.319	ng		98
29) 2,4-Dichlorophenol	10.841	162	51001	43.183	ng		94
30) 1,2,4-Trichlorobenzene	11.053	180	56072	41.162	ng		96
31) Naphthalene	11.247	128	149991	40.611	ng		99
32) Benzoic acid	10.489	122	21421m	34.799	ng		
33) 4-Chloroaniline	11.346	127	68416	41.249	ng		95
34) Hexachlorobutadiene	11.517	225	41169	40.730	ng		96
35) Caprolactam	12.116	113	15988	39.630	ng		96
36) 4-Chloro-3-methylphenol	12.445	107	56244	41.906	ng		95
37) 2-Methylnaphthalene	12.827	142	120752	41.583	ng		96
38) 1-Methylnaphthalene	13.044	142	112817	41.218	ng		99
40) 1,2,4,5-Tetrachloroben...	13.185	216	80317	41.510	ng		99
41) Hexachlorocyclopentadiene	13.156	237	30767	36.774	ng		99
43) 2,4,6-Trichlorophenol	13.420	196	49115	41.666	ng		99

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44) 2,4,5-Trichlorophenol	13.502	196	57851	41.722	ng		97
46) 1,1'-Biphenyl	13.814	154	163402	40.404	ng		99
47) 2-Chloronaphthalene	13.861	162	121436	40.379	ng		98
48) 2-Nitroaniline	14.060	65	39928	39.047	ng		91
49) Acenaphthylene	14.701	152	199728	40.879	ng		99
50) Dimethylphthalate	14.413	163	171973	38.398	ng		98
51) 2,6-Dinitrotoluene	14.542	165	37742	41.273	ng		86
52) Acenaphthene	15.041	154	121102	39.665	ng		100
53) 3-Nitroaniline	14.877	138	35439	38.684	ng		94
54) 2,4-Dinitrophenol	15.088	184	20745	39.298	ng		96
55) Dibenzofuran	15.370	168	208615	40.668	ng		97
56) 4-Nitrophenol	15.182	139	24307	39.893	ng		95
57) 2,4-Dinitrotoluene	15.329	165	55099	42.160	ng		93
58) Fluorene	16.017	166	169074	40.014	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.594	232	51095	40.645	ng		99
60) Diethylphthalate	15.752	149	171902	37.795	ng		97
61) 4-Chlorophenyl-phenyle...	15.993	204	101838	40.008	ng		97
62) 4-Nitroaniline	16.034	138	37529	40.607	ng		97
63) Azobenzene	16.287	77	161607	36.825	ng		97
65) 4,6-Dinitro-2-methylph...	16.093	198	35179	43.726	ng		98
66) n-Nitrosodiphenylamine	16.210	169	148214	40.497	ng		98
67) 4-Bromophenyl-phenylether	16.886	248	67042	40.755	ng		95
68) Hexachlorobenzene	17.021	284	67147	42.004	ng		94
69) Atrazine	17.139	200	57415	41.124	ng		98
70) Pentachlorophenol	17.368	266	34961m	37.948	ng		
71) Phenanthrene	17.755	178	278781	40.374	ng		99
72) Anthracene	17.849	178	284702	40.183	ng		98
73) Carbazole	18.114	167	236995	39.733	ng		98
74) Di-n-butylphthalate	18.631	149	277909	40.495	ng		98
75) Fluoranthene	19.747	202	346731	40.374	ng		100
77) Benzidine	19.911	184	112262	41.295	ng		99
78) Pyrene	20.105	202	345920	39.148	ng		99
80) Butylbenzylphthalate	20.957	149	120338	42.922	ng		95
81) Benzo(a)anthracene	21.997	228	346593	40.006	ng		99
82) 3,3'-Dichlorobenzidine	21.897	252	114670	41.323	ng		100
83) Chrysene	22.073	228	327542	40.182	ng		99
84) Bis(2-ethylhexyl)phtha...	21.844	149	173448	41.813	ng		100
85) Di-n-octyl phthalate	23.136	149	289870	41.916	ng		96
87) Indeno(1,2,3-cd)pyrene	29.563	276	391250	39.732	ng	#	96
88) Benzo(b)fluoranthene	24.393	252	347768	39.375	ng		98
89) Benzo(k)fluoranthene	24.470	252	337656	37.621	ng		99
90) Benzo(a)pyrene	25.357	252	333907	38.697	ng		97
91) Dibenzo(a,h)anthracene	29.616	278	326570	39.822	ng		99
92) Benzo(g,h,i)perylene	30.838	276	317589	39.662	ng		96

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

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