Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057468.D
Acq On : 19 May 2023 15:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 04:27:41 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 :
SSTDCCC040EC

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	17192	20.000	ng		0.00
21) Naphthalene-d8	11.194	136	69645	20.000	ng		0.00
39) Acenaphthene-d10	14.971	164	54566	20.000	ng		0.00
64) Phenanthrene-d10	17.714	188	134459	20.000	ng		0.00
76) Chrysene-d12	22.020	240	124992	20.000	ng		0.00
86) Perylene-d12	25.515	264	134794	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.871	112	82811	82.397	ng		0.00
7) Phenol-d6	7.499	99	128016	83.881	ng		0.00
23) Nitrobenzene-d5	9.537	82	129726	78.178	ng		0.00
42) 2,4,6-Tribromophenol	16.457	330	66425	85.794	ng		0.00
45) 2-Fluorobiphenyl	13.596	172	329819	81.406	ng		0.00
79) Terphenyl-d14	20.281	244	584669	76.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.680	88	16986	40.876	ng		94
3) Pyridine	4.103	79	54470	40.788	ng		95
4) n-Nitrosodimethylamine	4.009	42	23040	36.713	ng		84
6) Aniline	7.669	93	77160	39.854	ng		99
8) 2-Chlorophenol	7.922	128	43438	40.903	ng		97
9) Benzaldehyde	7.487	77	29861	36.237	ng		98
10) Phenol	7.528	94	61326	41.221	ng		96
11) bis(2-Chloroethyl)ether	7.757	93	44484	39.653	ng		98
12) 1,3-Dichlorobenzene	8.251	146	49469	42.206	ng		95
13) 1,4-Dichlorobenzene	8.392	146	49779	42.281	ng		92
14) 1,2-Dichlorobenzene	8.721	146	47949	42.187	ng		96
15) Benzyl Alcohol	8.597	79	49485	38.921	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.879	45	52695m	37.267	ng		
17) 2-Methylphenol	8.797	107	44162	41.179	ng		95
18) Hexachloroethane	9.455	117	17299	40.716	ng		94
19) n-Nitroso-di-n-propyla...	9.161	70	43397	37.291	ng		98
20) 3+4-Methylphenols	9.126	107	60837	41.429	ng		97
22) Acetophenone	9.191	105	76216	38.235	ng	#	95
24) Nitrobenzene	9.584	77	64785	38.681	ng		94
25) Isophorone	10.101	82	118909	36.955	ng		98
26) 2-Nitrophenol	10.301	139	27761	43.303	ng		99
27) 2,4-Dimethylphenol	10.342	122	46413	41.346	ng		100
28) bis(2-Chloroethoxy)met...	10.571	93	61869	38.381	ng		98
29) 2,4-Dichlorophenol	10.841	162	52176	43.823	ng		98
30) 1,2,4-Trichlorobenzene	11.053	180	55131	40.146	ng		98
31) Naphthalene	11.247	128	151099	40.582	ng		98
32) Benzoic acid	10.489	122	22099m	35.501	ng		
33) 4-Chloroaniline	11.346	127	67780	40.537	ng		99
34) Hexachlorobutadiene	11.517	225	41227	40.459	ng		97
35) Caprolactam	12.122	113	15981	39.294	ng		96
36) 4-Chloro-3-methylphenol	12.445	107	57109	42.208	ng		96
37) 2-Methylnaphthalene	12.827	142	120951	41.317	ng		97
38) 1-Methylnaphthalene	13.044	142	113033	40.965	ng		98
40) 1,2,4,5-Tetrachloroben...	13.185	216	81592	42.120	ng		99
41) Hexachlorocyclopentadiene	13.162	237	25629	31.654	ng		99
43) 2,4,6-Trichlorophenol	13.420	196	48741	41.300	ng		98

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44) 2,4,5-Trichlorophenol	13.502	196	56703	40.846	ng		99
46) 1,1'-Biphenyl	13.808	154	165213	40.803	ng		97
47) 2-Chloronaphthalene	13.861	162	122648	40.734	ng		99
48) 2-Nitroaniline	14.060	65	40355	39.418	ng		95
49) Acenaphthylene	14.701	152	199596	40.804	ng		99
50) Dimethylphthalate	14.413	163	171686	38.289	ng		97
51) 2,6-Dinitrotoluene	14.542	165	37762	41.247	ng		91
52) Acenaphthene	15.041	154	122671	40.132	ng		96
53) 3-Nitroaniline	14.877	138	36299	39.577	ng		94
54) 2,4-Dinitrophenol	15.094	184	17803	34.387	ng		94
55) Dibenzofuran	15.370	168	207627	40.427	ng		98
56) 4-Nitrophenol	15.182	139	24144	39.579	ng		88
57) 2,4-Dinitrotoluene	15.329	165	53490	40.881	ng		95
58) Fluorene	16.017	166	169484	40.064	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.594	232	50432	40.070	ng		99
60) Diethylphthalate	15.752	149	172802	37.948	ng		98
61) 4-Chlorophenyl-phenyle...	15.993	204	101349	39.769	ng		97
62) 4-Nitroaniline	16.034	138	37664	40.706	ng		96
63) Azobenzene	16.287	77	159278	36.252	ng		95
65) 4,6-Dinitro-2-methylph...	16.093	198	34668	43.185	ng		97
66) n-Nitrosodiphenylamine	16.205	169	148060	40.543	ng		97
67) 4-Bromophenyl-phenylether	16.886	248	67241	40.966	ng		93
68) Hexachlorobenzene	17.021	284	67036	42.027	ng		98
69) Atrazine	17.139	200	56636	40.655	ng		98
70) Pentachlorophenol	17.362	266	32432	35.280	ng		96
71) Phenanthrene	17.755	178	278603	40.436	ng		99
72) Anthracene	17.843	178	284140	40.192	ng		99
73) Carbazole	18.114	167	238047	39.996	ng		99
74) Di-n-butylphthalate	18.631	149	282255	41.219	ng		98
75) Fluoranthene	19.747	202	344854	40.243	ng		99
77) Benzidine	19.911	184	82779	29.623	ng		98
78) Pyrene	20.105	202	349410	38.470	ng		99
80) Butylbenzylphthalate	20.957	149	123743	42.938	ng		96
81) Benzo(a)anthracene	21.997	228	358738	40.284	ng		100
82) 3,3'-Dichlorobenzidine	21.897	252	114819	40.254	ng		99
83) Chrysene	22.067	228	337477	40.277	ng		98
84) Bis(2-ethylhexyl)phtha...	21.844	149	176117	41.304	ng		99
85) Di-n-octyl phthalate	23.130	149	299179	42.088	ng		96
87) Indeno(1,2,3-cd)pyrene	29.563	276	397853	40.498	ng	#	96
88) Benzo(b)fluoranthene	24.393	252	356694	40.481	ng		99
89) Benzo(k)fluoranthene	24.470	252	343270	38.337	ng		99
90) Benzo(a)pyrene	25.351	252	340336	39.535	ng		97
91) Dibenzo(a,h)anthracene	29.610	278	331342	40.500	ng		98
92) Benzo(g,h,i)perylene	30.838	276	324011	40.560	ng		99

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

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