Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053597.D
Acq On : 18 May 2022 9:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 14:02:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.077	152	23670	20.000	ng		-0.01
21) Naphthalene-d8	10.891	136	98425	20.000	ng		0.00
39) Acenaphthene-d10	14.710	164	77877	20.000	ng		0.00
64) Phenanthrene-d10	17.453	188	188972	20.000	ng		0.00
76) Chrysene-d12	21.735	240	178365	20.000	ng		0.00
86) Perylene-d12	25.013	264	191752	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.645	112	110225	79.031	ng		0.00
7) Phenol-d6	7.243	99	172506	81.498	ng		0.00
23) Nitrobenzene-d5	9.246	82	189804	82.089	ng		0.00
42) 2,4,6-Tribromophenol	16.196	330	95978	83.561	ng		0.00
45) 2-Fluorobiphenyl	13.329	172	435489	81.715	ng		0.00
79) Terphenyl-d14	20.055	244	800004	83.536	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.525	88	27215	37.190	ng		97
3) Pyridine	3.924	79	68891	38.549	ng		97
4) n-Nitrosodimethylamine	3.836	42	33882	38.920	ng		95
6) Aniline	7.402	93	95355	40.674	ng		96
8) 2-Chlorophenol	7.649	128	57370	39.348	ng		95
9) Benzaldehyde	7.214	77	50852	37.817	ng		93
10) Phenol	7.273	94	85140	41.127	ng		98
11) bis(2-Chloroethyl)ether	7.490	93	64575	41.825	ng		95
12) 1,3-Dichlorobenzene	7.972	146	67374m	39.170	ng		
13) 1,4-Dichlorobenzene	8.113	146	68587	39.515	ng		96
14) 1,2-Dichlorobenzene	8.436	146	65142	39.966	ng		96
15) Benzyl Alcohol	8.318	79	60009	33.911	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.600	45	104701	41.666	ng		98
17) 2-Methylphenol	8.530	107	58353	41.704	ng		97
18) Hexachloroethane	9.164	117	26183	39.723	ng		94
19) n-Nitroso-di-n-propyla...	8.882	70	63820	42.023	ng		99
20) 3+4-Methylphenols	8.853	107	81512	41.248	ng		97
22) Acetophenone	8.900	105	110107	40.875	ng	#	97
24) Nitrobenzene	9.288	77	92423	41.299	ng		99
25) Isophorone	9.805	82	162859	41.852	ng		99
26) 2-Nitrophenol	9.998	139	39049	43.082	ng		92
27) 2,4-Dimethylphenol	10.057	122	54593	40.023	ng		99
28) bis(2-Chloroethoxy)met...	10.286	93	92498	41.331	ng		96
29) 2,4-Dichlorophenol	10.545	162	69596	42.275	ng		90
30) 1,2,4-Trichlorobenzene	10.750	180	77172	41.258	ng		93
31) Naphthalene	10.944	128	204130	40.772	ng		97
32) Benzoic acid	10.228	122	21480m	29.224	ng		
33) 4-Chloroaniline	11.050	127	86273	41.146	ng		96
34) Hexachlorobutadiene	11.226	225	59304	42.757	ng		97
35) Caprolactam	11.819	113	24014	40.140	ng		96
36) 4-Chloro-3-methylphenol	12.172	107	82100	41.691	ng		99
37) 2-Methylnaphthalene	12.542	142	154546	41.363	ng		98
38) 1-Methylnaphthalene	12.759	142	150006	41.149	ng		98
40) 1,2,4,5-Tetrachloroben...	12.912	216	101200	41.226	ng		99
41) Hexachlorocyclopentadiene	12.889	237	28820	34.476	ng		93
43) 2,4,6-Trichlorophenol	13.147	196	70481	43.986	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.229	196	73804	43.277	ng		99
46) 1,1'-Biphenyl	13.541	154	214364	40.382	ng		100
47) 2-Chloronaphthalene	13.588	162	167353	40.239	ng		97
48) 2-Nitroaniline	13.787	65	66921	43.183	ng		96
49) Acenaphthylene	14.434	152	271011	40.835	ng		99
50) Dimethylphthalate	14.158	163	238607	40.319	ng		99
51) 2,6-Dinitrotoluene	14.281	165	49462	41.025	ng		89
52) Acenaphthene	14.768	154	160808	40.658	ng		97
53) 3-Nitroaniline	14.610	138	52186	40.060	ng		97
54) 2,4-Dinitrophenol	14.827	184	22054	32.812	ng		97
55) Dibenzofuran	15.103	168	283775	39.945	ng		97
56) 4-Nitrophenol	14.933	139	35919	38.603	ng		94
57) 2,4-Dinitrotoluene	15.068	165	71292	40.794	ng	#	85
58) Fluorene	15.755	166	230832	40.490	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.338	232	66856	38.638	ng		98
60) Diethylphthalate	15.509	149	242969	39.746	ng		99
61) 4-Chlorophenyl-phenyle...	15.738	204	128975	40.543	ng		99
62) 4-Nitroaniline	15.773	138	56306	41.672	ng		97
63) Azobenzene	16.031	77	253616	40.515	ng		99
65) 4,6-Dinitro-2-methylph...	15.838	198	47542	42.221	ng		93
66) n-Nitrosodiphenylamine	15.955	169	203782	41.073	ng		98
67) 4-Bromophenyl-phenylether	16.637	248	91446	41.435	ng		97
68) Hexachlorobenzene	16.766	284	97945	40.523	ng		96
69) Atrazine	16.901	200	81221	38.886	ng		96
70) Pentachlorophenol	17.112	266	43431	36.077	ng		94
71) Phenanthrene	17.494	178	389659	40.552	ng		98
72) Anthracene	17.588	178	382666	40.517	ng		99
73) Carbazole	17.858	167	369041	39.869	ng		99
74) Di-n-butylphthalate	18.399	149	418341	40.185	ng		99
75) Fluoranthene	19.503	202	490609	39.433	ng		97
77) Benzidine	19.679	184	117990	30.691	ng		99
78) Pyrene	19.867	202	488435	42.302	ng		99
80) Butylbenzylphthalate	20.737	149	182713	43.154	ng		100
81) Benzo(a)anthracene	21.718	228	470022	41.315	ng		98
82) 3,3'-Dichlorobenzidine	21.624	252	119234	41.330	ng		96
83) Chrysene	21.782	228	442620	41.657	ng		98
84) Bis(2-ethylhexyl)phtha...	21.600	149	251040	42.957	ng		99
85) Di-n-octyl phthalate	22.822	149	425938	43.102	ng		99
87) Indeno(1,2,3-cd)pyrene	28.767	276	543758	40.715	ng	#	95
88) Benzo(b)fluoranthene	23.968	252	453823	39.984	ng		98
89) Benzo(k)fluoranthene	24.038	252	454142	40.718	ng		99
90) Benzo(a)pyrene	24.861	252	389419	40.310	ng	#	99
91) Dibenzo(a,h)anthracene	28.826	278	445680	40.500	ng		98
92) Benzo(g,h,i)perylene	29.948	276	439165	40.260	ng		95

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

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