Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053605.D
Acq On : 18 May 2022 16:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 19 05:11:53 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	8.075	152	23137	20.000	ng	-0.01
21) Naphthalene-d8	10.895	136	96499	20.000	ng	0.00
39) Acenaphthene-d10	14.707	164	79482	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	193809	20.000	ng	0.00
76) Chrysene-d12	21.733	240	180096	20.000	ng	0.00
86) Perylene-d12	25.011	264	188459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	105508	77.392	ng	0.00
7) Phenol-d6	7.241	99	169685	82.012	ng	0.00
23) Nitrobenzene-d5	9.244	82	187154	82.559	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	99573	84.941	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	441311	81.135	ng	0.00
79) Terphenyl-d14	20.059	244	804918	83.241	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	25319	35.396	ng	95
3) Pyridine	3.928	79	67002	38.355	ng	97
4) n-Nitrosodimethylamine	3.840	42	33753	39.665	ng	100
6) Aniline	7.400	93	92632	40.423	ng	97
8) 2-Chlorophenol	7.646	128	56458	39.614	ng	98
9) Benzaldehyde	7.218	77	47699m	36.289	ng	
10) Phenol	7.270	94	81176	40.115	ng	97
11) bis(2-Chloroethyl)ether	7.488	93	63382	41.998	ng	95
12) 1,3-Dichlorobenzene	7.970	146	65550	38.987	ng	94
13) 1,4-Dichlorobenzene	8.116	146	65738	38.746	ng	98
14) 1,2-Dichlorobenzene	8.434	146	63069	39.586	ng	99
15) Benzyl Alcohol	8.316	79	62911	36.369	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.604	45	100360	40.859	ng	96
17) 2-Methylphenol	8.522	107	55923	40.888	ng	93
18) Hexachloroethane	9.162	117	25591	39.719	ng	96
19) n-Nitroso-di-n-propyla...	8.880	70	62400	42.034	ng	93
20) 3+4-Methylphenols	8.851	107	80360	41.602	ng	98
22) Acetophenone	8.904	105	105245	39.850	ng	96
24) Nitrobenzene	9.285	77	90798	41.383	ng	97
25) Isophorone	9.808	82	162627	42.627	ng	98
26) 2-Nitrophenol	10.002	139	37825	42.565	ng	96
27) 2,4-Dimethylphenol	10.061	122	54483	40.739	ng	96
28) bis(2-Chloroethoxy)met...	10.284	93	91258	41.591	ng	97
29) 2,4-Dichlorophenol	10.542	162	68102	42.193	ng	93
30) 1,2,4-Trichlorobenzene	10.754	180	77281	42.141	ng	99
31) Naphthalene	10.942	128	203844	41.527	ng	98
32) Benzoic acid	10.225	122	23481m	31.609	ng	
33) 4-Chloroaniline	11.048	127	89553	43.563	ng	99
34) Hexachlorobutadiene	11.224	225	56502	41.550	ng	97
35) Caprolactam	11.817	113	24741	42.181	ng	95
36) 4-Chloro-3-methylphenol	12.176	107	84730	43.886	ng	98
37) 2-Methylnaphthalene	12.540	142	152882	41.734	ng	99
38) 1-Methylnaphthalene	12.757	142	152085	42.552	ng	94
40) 1,2,4,5-Tetrachloroben...	12.910	216	103707	41.394	ng	98
41) Hexachlorocyclopentadiene	12.886	237	36592	40.733	ng	92
43) 2,4,6-Trichlorophenol	13.151	196	69436	42.458	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	75009	43.095	ng		97
46) 1,1'-Biphenyl	13.538	154	218618	40.352	ng		99
47) 2-Chloronaphthalene	13.585	162	170280	40.116	ng		98
48) 2-Nitroaniline	13.785	65	67655	42.775	ng		98
49) Acenaphthylene	14.431	152	276314	40.794	ng		98
50) Dimethylphthalate	14.155	163	245608	40.664	ng		99
51) 2,6-Dinitrotoluene	14.279	165	50934	41.392	ng		95
52) Acenaphthene	14.772	154	165393	40.973	ng		95
53) 3-Nitroaniline	14.613	138	56351	42.383	ng		95
54) 2,4-Dinitrophenol	14.825	184	24856	35.582	ng		85
55) Dibenzofuran	15.101	168	291738	40.236	ng		97
56) 4-Nitrophenol	14.937	139	34827	36.674	ng		95
57) 2,4-Dinitrotoluene	15.072	165	74018	41.498	ng		92
58) Fluorene	15.753	166	234105	40.235	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.336	232	70846	40.117	ng		97
60) Diethylphthalate	15.512	149	253163	40.577	ng		98
61) 4-Chlorophenyl-phenyle...	15.735	204	134929	41.558	ng		98
62) 4-Nitroaniline	15.771	138	55979	40.593	ng		97
63) Azobenzene	16.035	77	260478	40.771	ng		99
65) 4,6-Dinitro-2-methylph...	15.835	198	48840	42.291	ng		98
66) n-Nitrosodiphenylamine	15.953	169	209774	41.225	ng		98
67) 4-Bromophenyl-phenylether	16.634	248	95037	41.987	ng		93
68) Hexachlorobenzene	16.763	284	102550	41.369	ng		98
69) Atrazine	16.899	200	83053	38.771	ng		96
70) Pentachlorophenol	17.110	266	44782	36.245	ng		93
71) Phenanthrene	17.498	178	397544	40.340	ng		98
72) Anthracene	17.586	178	392470	40.517	ng		99
73) Carbazole	17.856	167	375871	39.593	ng		99
74) Di-n-butylphthalate	18.402	149	425934	39.893	ng		99
75) Fluoranthene	19.501	202	496506	38.911	ng		99
77) Benzidine	19.677	184	203565	52.442	ng		99
78) Pyrene	19.865	202	492822	42.271	ng		100
80) Butylbenzylphthalate	20.735	149	181902	42.549	ng		94
81) Benzo(a)anthracene	21.716	228	475448	41.391	ng		100
82) 3,3'-Dichlorobenzidine	21.622	252	123046	42.241	ng		96
83) Chrysene	21.780	228	444994	41.478	ng		100
84) Bis(2-ethylhexyl)phtha...	21.604	149	256503	43.470	ng		99
85) Di-n-octyl phthalate	22.826	149	424219	42.516	ng		99
87) Indeno(1,2,3-cd)pyrene	28.765	276	541143	41.228	ng	#	95
88) Benzo(b)fluoranthene	23.971	252	458761	41.125	ng		98
89) Benzo(k)fluoranthene	24.036	252	454385	41.452	ng		99
90) Benzo(a)pyrene	24.858	252	391177	41.199	ng		97
91) Dibenzo(a,h)anthracene	28.824	278	444958	41.141	ng		99
92) Benzo(g,h,i)perylene	29.946	276	436288	40.695	ng		97

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

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