Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050422\
Data File : BG053425.D
Acq On : 4 May 2022 10:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 18:07:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 18:06:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	33008	20.000	ng		0.00
21) Naphthalene-d8	10.910	136	126501	20.000	ng		0.00
39) Acenaphthene-d10	14.723	164	95639	20.000	ng		0.00
64) Phenanthrene-d10	17.472	188	227334	20.000	ng		0.00
76) Chrysene-d12	21.755	240	238967	20.000	ng		0.00
86) Perylene-d12	25.050	264	259133	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	163957	85.147	ng		0.00
7) Phenol-d6	7.262	99	250114	84.229	ng		0.00
23) Nitrobenzene-d5	9.266	82	260565	83.634	ng		0.00
42) 2,4,6-Tribromophenol	16.215	330	121095	79.585	ng		0.00
45) 2-Fluorobiphenyl	13.348	172	561390	80.940	ng		0.00
79) Terphenyl-d14	20.074	244	1091590	77.148	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.556	88	40514	44.057	ng		95
3) Pyridine	3.955	79	106767	44.021	ng	#	83
4) n-Nitrosodimethylamine	3.867	42	55984	46.613	ng		80
6) Aniline	7.421	93	139654	40.581	ng		96
8) 2-Chlorophenol	7.668	128	84692	40.740	ng		92
9) Benzaldehyde	7.233	77	68547m	38.618	ng		
10) Phenol	7.292	94	122928	41.589	ng		91
11) bis(2-Chloroethyl)ether	7.515	93	89959	42.221	ng		93
12) 1,3-Dichlorobenzene	7.991	146	99952	41.377	ng		95
13) 1,4-Dichlorobenzene	8.138	146	101803	41.338	ng		96
14) 1,2-Dichlorobenzene	8.461	146	94587	39.829	ng		98
15) Benzyl Alcohol	8.337	79	106836	40.477	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.625	45	149228	41.951	ng		97
17) 2-Methylphenol	8.543	107	81287	40.640	ng		95
18) Hexachloroethane	9.189	117	37657	40.776	ng		98
19) n-Nitroso-di-n-propyla...	8.901	70	84887	39.047	ng		92
20) 3+4-Methylphenols	8.872	107	115582	40.934	ng		93
22) Acetophenone	8.925	105	149143	42.497	ng	#	96
24) Nitrobenzene	9.307	77	127102	41.943	ng		91
25) Isophorone	9.830	82	219070	41.369	ng		98
26) 2-Nitrophenol	10.018	139	55428	43.741	ng		93
27) 2,4-Dimethylphenol	10.082	122	76730	42.280	ng		92
28) bis(2-Chloroethoxy)met...	10.305	93	124802	41.950	ng		100
29) 2,4-Dichlorophenol	10.564	162	96176	42.155	ng		96
30) 1,2,4-Trichlorobenzene	10.775	180	106476	41.235	ng		96
31) Naphthalene	10.963	128	284160	42.104	ng		100
32) Benzoic acid	10.247	122	45319m	39.098	ng		
33) 4-Chloroaniline	11.069	127	117758	40.744	ng		94
34) Hexachlorobutadiene	11.245	225	79661	41.531	ng		97
35) Caprolactam	11.850	113	32553	40.479	ng	#	84
36) 4-Chloro-3-methylphenol	12.185	107	111315	41.909	ng		90
37) 2-Methylnaphthalene	12.561	142	209361	41.922	ng		97
38) 1-Methylnaphthalene	12.778	142	203354m	41.716	ng		
40) 1,2,4,5-Tetrachloroben...	12.931	216	132747	40.867	ng		99
41) Hexachlorocyclopentadiene	12.908	237	61575	36.722	ng		91
43) 2,4,6-Trichlorophenol	13.166	196	88264	39.411	ng		98

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44)	2,4,5-Trichlorophenol	13.243	196	93791	39.301	ng		95
46)	1,1'-Biphenyl	13.560	154	281411	40.859	ng		99
47)	2-Chloronaphthalene	13.607	162	219264	39.904	ng		96
48)	2-Nitroaniline	13.806	65	85783	41.137	ng		92
49)	Acenaphthylene	14.447	152	354640	41.229	ng		98
50)	Dimethylphthalate	14.177	163	306151	40.022	ng		100
51)	2,6-Dinitrotoluene	14.294	165	63564	39.831	ng	#	74
52)	Acenaphthene	14.793	154	236310m	40.511	ng		
53)	3-Nitroaniline	14.629	138	72501	42.965	ng	#	94
54)	2,4-Dinitrophenol	14.840	184	37420	36.852	ng	#	86
55)	Dibenzofuran	15.122	168	366587	40.135	ng		97
56)	4-Nitrophenol	14.940	139	49650	38.579	ng	#	77
57)	2,4-Dinitrotoluene	15.081	165	94564	41.622	ng	#	83
58)	Fluorene	15.774	166	295665	40.079	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.351	232	90012	38.838	ng		98
60)	Diethylphthalate	15.528	149	317836	39.656	ng		99
61)	4-Chlorophenyl-phenyle...	15.757	204	166774	39.880	ng		97
62)	4-Nitroaniline	15.792	138	74454	41.813	ng	#	83
63)	Azobenzene	16.051	77	327837	40.570	ng		96
65)	4,6-Dinitro-2-methylph...	15.857	198	66586	41.982	ng		98
66)	n-Nitrosodiphenylamine	15.974	169	265810	40.660	ng		99
67)	4-Bromophenyl-phenylether	16.656	248	117532	40.348	ng		98
68)	Hexachlorobenzene	16.785	284	126310	40.040	ng		94
69)	Atrazine	16.914	200	99894	39.118	ng		99
70)	Pentachlorophenol	17.131	266	68421	39.686	ng		97
71)	Phenanthrene	17.513	178	508756	40.971	ng		98
72)	Anthracene	17.607	178	500582	40.692	ng		99
73)	Carbazole	17.872	167	494768	41.375	ng		99
74)	Di-n-butylphthalate	18.418	149	563340	41.538	ng		98
75)	Fluoranthene	19.522	202	655072	41.155	ng		99
77)	Benzidine	19.693	184	242913	35.628	ng		97
78)	Pyrene	19.881	202	662479	38.925	ng		99
80)	Butylbenzylphthalate	20.756	149	263722	41.563	ng		99
81)	Benzo(a)anthracene	21.737	228	669814	40.995	ng		98
82)	3,3'-Dichlorobenzidine	21.643	252	240527	40.029	ng		98
83)	Chrysene	21.802	228	625194	41.230	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.625	149	363905	42.430	ng		99
85)	Di-n-octyl phthalate	22.853	149	623459	43.465	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.827	276	797795	41.439	ng	#	97
88)	Benzo(b)fluoranthene	24.004	252	665632	40.712	ng		99
89)	Benzo(k)fluoranthene	24.069	252	653891	40.693	ng		98
90)	Benzo(a)pyrene	24.891	252	578246	41.515	ng		99
91)	Dibenzo(a,h)anthracene	28.886	278	645363	40.728	ng		98
92)	Benzo(g,h,i)perylene	30.008	276	651049	41.686	ng		97

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

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