Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
Data File : BG052646.D
Acq On : 11 Mar 2022 14:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

Quant Time: Mar 12 06:16:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.178	152	33878	20.000	ng		0.00
21) Naphthalene-d8	11.016	136	134123	20.000	ng		0.00
39) Acenaphthene-d10	14.834	164	93919	20.000	ng		0.00
64) Phenanthrene-d10	17.583	188	216167	20.000	ng		0.00
76) Chrysene-d12	21.889	240	177167	20.000	ng		0.00
86) Perylene-d12	25.320	264	181750	20.000	ng		# 0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.705	112	151934	77.476	ng		0.00
7) Phenol-d6	7.333	99	231982	81.734	ng		0.00
23) Nitrobenzene-d5	9.353	82	233008	78.754	ng		0.00
42) 2,4,6-Tribromophenol	16.320	330	110811	83.190	ng		0.00
45) 2-Fluorobiphenyl	13.454	172	550526	79.119	ng		0.00
79) Terphenyl-d14	20.174	244	879951	87.890	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	29335	32.520	ng		97
3) Pyridine	3.931	79	83268	34.897	ng		96
4) n-Nitrosodimethylamine	3.837	42	40239	35.386	ng	#	94
6) Aniline	7.491	93	132270	41.304	ng		98
8) 2-Chlorophenol	7.744	128	84687	40.927	ng		98
9) Benzaldehyde	7.303	77	61699	37.994	ng		97
10) Phenol	7.362	94	112061	39.918	ng		98
11) bis(2-Chloroethyl)ether	7.585	93	84397	39.142	ng		95
12) 1,3-Dichlorobenzene	8.073	146	97722	39.628	ng		98
13) 1,4-Dichlorobenzene	8.220	146	99290	39.515	ng		97
14) 1,2-Dichlorobenzene	8.543	146	97121	39.932	ng		96
15) Benzyl Alcohol	8.419	79	89819	40.925	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.707	45	113092	38.889	ng		96
17) 2-Methylphenol	8.625	107	77827	41.904	ng		97
18) Hexachloroethane	9.277	117	33443	39.328	ng		95
19) n-Nitroso-di-n-propyla...	8.989	70	77413	40.305	ng	#	94
20) 3+4-Methylphenols	8.960	107	107003	41.659	ng		95
22) Acetophenone	9.007	105	136443	39.387	ng		97
24) Nitrobenzene	9.400	77	109607	39.613	ng		99
25) Isophorone	9.923	82	199888	40.627	ng		97
26) 2-Nitrophenol	10.123	139	53624	42.693	ng		89
27) 2,4-Dimethylphenol	10.176	122	76139	42.096	ng		96
28) bis(2-Chloroethoxy)met...	10.405	93	119664	40.360	ng		97
29) 2,4-Dichlorophenol	10.669	162	90198	41.914	ng		98
30) 1,2,4-Trichlorobenzene	10.881	180	104595	39.281	ng		96
31) Naphthalene	11.069	128	285401	40.438	ng		99
32) Benzoic acid	10.340	122	32743m	31.163	ng		
33) 4-Chloroaniline	11.174	127	115955	40.606	ng		96
34) Hexachlorobutadiene	11.356	225	68059	39.120	ng		99
35) Caprolactam	11.944	113	31932	44.199	ng	#	77
36) 4-Chloro-3-methylphenol	12.296	107	99200	42.088	ng		99
37) 2-Methylnaphthalene	12.666	142	209843	41.152	ng		98
38) 1-Methylnaphthalene	12.884	142	201663	40.276	ng		90
40) 1,2,4,5-Tetrachloroben...	13.037	216	121790	38.769	ng		99
41) Hexachlorocyclopentadiene	13.013	237	46356	32.907	ng		98
43) 2,4,6-Trichlorophenol	13.272	196	83550	43.154	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.354	196	88013	41.972	ng		97
46) 1,1'-Biphenyl	13.665	154	280554	39.938	ng		100
47) 2-Chloronaphthalene	13.712	162	217261	39.763	ng		97
48) 2-Nitroaniline	13.906	65	69824	39.692	ng		92
49) Acenaphthylene	14.558	152	349893	40.436	ng		100
50) Dimethylphthalate	14.270	163	284469	39.872	ng		100
51) 2,6-Dinitrotoluene	14.394	165	63571	40.769	ng		97
52) Acenaphthene	14.893	154	210755	40.169	ng		99
53) 3-Nitroaniline	14.728	138	65876	41.053	ng		97
54) 2,4-Dinitrophenol	14.946	184	35326	41.917	ng		95
55) Dibenzofuran	15.228	168	351577	39.515	ng		100
56) 4-Nitrophenol	15.046	139	47435	42.378	ng		93
57) 2,4-Dinitrotoluene	15.187	165	89466	40.767	ng		98
58) Fluorene	15.880	166	282342	39.072	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.457	232	82784	42.992	ng		99
60) Diethylphthalate	15.627	149	284164	39.685	ng		99
61) 4-Chlorophenyl-phenyle...	15.862	204	156979	38.940	ng		97
62) 4-Nitroaniline	15.892	138	65704	38.746	ng		93
63) Azobenzene	16.156	77	272699	38.563	ng		96
65) 4,6-Dinitro-2-methylph...	15.962	198	60835	44.322	ng		92
66) n-Nitrosodiphenylamine	16.074	169	251810	41.454	ng		99
67) 4-Bromophenyl-phenylether	16.755	248	108704	40.627	ng		99
68) Hexachlorobenzene	16.890	284	114213	39.940	ng		95
69) Atrazine	17.019	200	96874	43.379	ng		98
70) Pentachlorophenol	17.237	266	56901	41.376	ng		91
71) Phenanthrene	17.624	178	455178	40.134	ng		100
72) Anthracene	17.713	178	447838	40.333	ng		99
73) Carbazole	17.983	167	437357	40.245	ng		98
74) Di-n-butylphthalate	18.523	149	487194	41.077	ng		99
75) Fluoranthene	19.628	202	543743	38.396	ng		99
77) Benzidine	19.798	184	154341	41.995	ng		99
78) Pyrene	19.992	202	536779	45.328	ng		99
80) Butylbenzylphthalate	20.855	149	188016	43.659	ng		100
81) Benzo(a)anthracene	21.866	228	479843	40.425	ng		99
82) 3,3'-Dichlorobenzidine	21.766	252	170671	41.393	ng		99
83) Chrysene	21.936	228	453348	40.848	ng		100
84) Bis(2-ethylhexyl)phtha...	21.742	149	250510	41.613	ng		99
85) Di-n-octyl phthalate	23.023	149	421513	42.238	ng	#	98
87) Indeno(1,2,3-cd)pyrene	29.285	276	517778	39.753	ng	#	95
88) Benzo(b)fluoranthene	24.227	252	453521	40.415	ng		98
89) Benzo(k)fluoranthene	24.298	252	448743	39.764	ng		99
90) Benzo(a)pyrene	25.161	252	378680	39.884	ng		97
91) Dibenzo(a,h)anthracene	29.356	278	427254	39.531	ng		99
92) Benzo(g,h,i)perylene	30.531	276	437653	41.487	ng		98

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

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