Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055058.D
Acq On : 4 Oct 2022 11:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Oct 04 11:44:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 07:12:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.343	152	25132	20.000	ng		0.00
21) Naphthalene-d8	11.175	136	115893	20.000	ng		0.00
39) Acenaphthene-d10	14.947	164	85510	20.000	ng		0.00
64) Phenanthrene-d10	17.685	188	202889	20.000	ng		0.00
76) Chrysene-d12	21.980	240	201180	20.000	ng		0.00
86) Perylene-d12	25.435	264	219278	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.857	112	103996	91.910	ng		0.00
7) Phenol-d6	7.467	99	155244	91.571	ng		0.00
23) Nitrobenzene-d5	9.512	82	163276	84.185	ng		0.00
42) 2,4,6-Tribromophenol	16.422	330	72981	84.449	ng		0.00
45) 2-Fluorobiphenyl	13.578	172	435291	79.470	ng		0.00
79) Terphenyl-d14	20.258	244	811338	81.512	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.689	88	25956	40.543	ng		96
3) Pyridine	4.107	79	81690	42.433	ng		95
4) n-Nitrosodimethylamine	4.013	42	44987	40.862	ng		98
6) Aniline	7.655	93	105753	42.633	ng		97
8) 2-Chlorophenol	7.896	128	61731	47.431	ng		98
9) Benzaldehyde	7.462	77	53648	39.391	ng		95
10) Phenol	7.491	94	87944	45.649	ng		93
11) bis(2-Chloroethyl)ether	7.744	93	65765	41.650	ng		95
12) 1,3-Dichlorobenzene	8.231	146	74285	41.466	ng		99
13) 1,4-Dichlorobenzene	8.378	146	74517	41.103	ng		98
14) 1,2-Dichlorobenzene	8.701	146	72680	41.263	ng		99
15) Benzyl Alcohol	8.572	79	72187	47.406	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.860	45	124362	41.580	ng		99
17) 2-Methylphenol	8.766	107	62266	45.874	ng		95
18) Hexachloroethane	9.442	117	24540	42.688	ng		96
19) n-Nitroso-di-n-propyla...	9.142	70	69149	42.107	ng		98
20) 3+4-Methylphenols	9.095	107	88774	46.963	ng		98
22) Acetophenone	9.165	105	118636	40.367	ng	#	99
24) Nitrobenzene	9.553	77	88967	42.246	ng		94
25) Isophorone	10.076	82	177109	42.966	ng		98
26) 2-Nitrophenol	10.270	139	27810	45.228	ng		97
27) 2,4-Dimethylphenol	10.311	122	64146	45.394	ng		98
28) bis(2-Chloroethoxy)met...	10.558	93	87771	41.612	ng		98
29) 2,4-Dichlorophenol	10.805	162	70446	41.372	ng		99
30) 1,2,4-Trichlorobenzene	11.028	180	80064	39.557	ng		96
31) Naphthalene	11.222	128	245925	40.206	ng		99
32) Benzoic acid	10.417	122	37330	42.606	ng		96
33) 4-Chloroaniline	11.316	127	104928	41.486	ng		100
34) Hexachlorobutadiene	11.504	225	52490	39.994	ng		97
35) Caprolactam	12.074	113	26123	47.521	ng		91
36) 4-Chloro-3-methylphenol	12.403	107	83603	42.703	ng		99
37) 2-Methylnaphthalene	12.802	142	181957	40.367	ng		98
38) 1-Methylnaphthalene	13.020	142	178385	40.685	ng		98
40) 1,2,4,5-Tetrachloroben...	13.161	216	98870	39.600	ng		100
41) Hexachlorocyclopentadiene	13.143	237	44155	41.070	ng		99
43) 2,4,6-Trichlorophenol	13.384	196	63442	42.304	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.454	196	72223	42.505	ng		98
46) 1,1'-Biphenyl	13.789	154	235153	40.109	ng		99
47) 2-Chloronaphthalene	13.836	162	190339	40.289	ng		100
48) 2-Nitroaniline	14.024	65	53854	41.149	ng		96
49) Acenaphthylene	14.677	152	312896	39.996	ng		99
50) Dimethylphthalate	14.389	163	259904	44.782	ng		99
51) 2,6-Dinitrotoluene	14.506	165	47386	40.453	ng		96
52) Acenaphthene	15.011	154	194814	40.106	ng		95
53) 3-Nitroaniline	14.835	138	56982	41.606	ng		100
54) 2,4-Dinitrophenol	15.035	184	22810	42.283	ng	#	76
55) Dibenzofuran	15.341	168	313917	40.505	ng		99
56) 4-Nitrophenol	15.117	139	41958	41.910	ng		97
57) 2,4-Dinitrotoluene	15.288	165	64637	40.440	ng		95
58) Fluorene	15.987	166	251266	40.515	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.558	232	64893	41.586	ng		99
60) Diethylphthalate	15.740	149	268977	44.916	ng		99
61) 4-Chlorophenyl-phenyle...	15.975	204	135434	40.174	ng		98
62) 4-Nitroaniline	15.993	138	61412	43.985	ng		97
63) Azobenzene	16.263	77	268013	39.737	ng		99
65) 4,6-Dinitro-2-methylph...	16.046	198	31628	41.823	ng		98
66) n-Nitrosodiphenylamine	16.181	169	222479	42.105	ng		98
67) 4-Bromophenyl-phenylether	16.862	248	86536	40.329	ng		96
68) Hexachlorobenzene	16.986	284	102367	41.264	ng		99
69) Atrazine	17.115	200	80515	46.771	ng		98
70) Pentachlorophenol	17.321	266	55205	42.635	ng		98
71) Phenanthrene	17.726	178	437936	41.092	ng		100
72) Anthracene	17.814	178	423414	40.849	ng		99
73) Carbazole	18.073	167	388017	42.648	ng		99
74) Di-n-butylphthalate	18.619	149	452973	47.694	ng		100
75) Fluoranthene	19.712	202	540966	40.688	ng		99
77) Benzidine	19.876	184	161909	46.717	ng		99
78) Pyrene	20.070	202	547170	40.903	ng		99
80) Butylbenzylphthalate	20.940	149	177565	42.959	ng		97
81) Benzo(a)anthracene	21.956	228	530929	41.544	ng		99
82) 3,3'-Dichlorobenzidine	21.856	252	173228	46.626	ng		93
83) Chrysene	22.027	228	504297	40.941	ng		99
84) Bis(2-ethylhexyl)phtha...	21.845	149	266304	42.990	ng		99
85) Di-n-octyl phthalate	23.143	149	452117	43.461	ng		98
87) Indeno(1,2,3-cd)pyrene	29.418	276	662626	41.874	ng		98
88) Benzo(b)fluoranthene	24.330	252	531165	41.112	ng		99
89) Benzo(k)fluoranthene	24.406	252	540215	41.504	ng		100
90) Benzo(a)pyrene	25.270	252	457929	41.354	ng		99
91) Dibenzo(a,h)anthracene	29.494	278	541586	42.131	ng		100
92) Benzo(g,h,i)perylene	30.664	276	540241	41.866	ng		99

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

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