Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100322\
Data File : BG055050.D
Acq On : 3 Oct 2022 18:20
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Oct 04 05:00:41 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 04:58:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.344	152	25263	20.000	ng		0.00
21) Naphthalene-d8	11.176	136	110508	20.000	ng		0.00
39) Acenaphthene-d10	14.948	164	79758	20.000	ng		0.00
64) Phenanthrene-d10	17.680	188	196181	20.000	ng		0.00
76) Chrysene-d12	21.975	240	199721	20.000	ng		0.00
86) Perylene-d12	25.436	264	213262	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.859	112	45578	34.585	ng		0.00
7) Phenol-d6	7.468	99	66755	38.178	ng		0.00
23) Nitrobenzene-d5	9.513	82	74209	43.329	ng		0.00
42) 2,4,6-Tribromophenol	16.423	330	27239	30.098	ng		0.00
45) 2-Fluorobiphenyl	13.579	172	212131	41.866	ng		0.00
79) Terphenyl-d14	20.259	244	409430	42.748	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.691	88	14490	22.198	ng		95
3) Pyridine	4.108	79	41090	22.152	ng		97
4) n-Nitrosodimethylamine	4.020	42	23938	26.541	ng	#	99
6) Aniline	7.651	93	51225	22.236	ng		98
8) 2-Chlorophenol	7.897	128	26617	18.087	ng		97
9) Benzaldehyde	7.468	77	29926	25.742	ng		92
10) Phenol	7.492	94	37343	18.830	ng		90
11) bis(2-Chloroethyl)ether	7.745	93	33425	22.457	ng		99
12) 1,3-Dichlorobenzene	8.232	146	37445	20.787	ng		99
13) 1,4-Dichlorobenzene	8.379	146	38074	20.841	ng		95
14) 1,2-Dichlorobenzene	8.702	146	36621	21.213	ng		94
15) Benzyl Alcohol	8.567	79	29786	19.903	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.867	45	63151	25.357	ng		98
17) 2-Methylphenol	8.767	107	27115	19.574	ng		96
18) Hexachloroethane	9.443	117	11575	19.287	ng		89
19) n-Nitroso-di-n-propyla...	9.143	70	33218	24.182	ng		96
20) 3+4-Methylphenols	9.090	107	37327	19.555	ng		97
22) Acetophenone	9.167	105	57727	21.294	ng	#	97
24) Nitrobenzene	9.554	77	40562	21.859	ng		92
25) Isophorone	10.077	82	78529	20.422	ng		100
26) 2-Nitrophenol	10.271	139	11033	15.544	ng		94
27) 2,4-Dimethylphenol	10.312	122	26687	17.754	ng		95
28) bis(2-Chloroethoxy)met...	10.559	93	40397	20.126	ng		100
29) 2,4-Dichlorophenol	10.800	162	27220	16.213	ng		97
30) 1,2,4-Trichlorobenzene	11.029	180	38927	19.752	ng		93
31) Naphthalene	11.223	128	119619	20.753	ng		98
32) Benzoic acid	10.389	122	14495	14.978	ng		95
33) 4-Chloroaniline	11.317	127	47640	20.319	ng		98
34) Hexachlorobutadiene	11.505	225	26086	20.288	ng		95
35) Caprolactam	12.063	113	9953	18.053	ng	#	87
36) 4-Chloro-3-methylphenol	12.404	107	32811	17.712	ng		99
37) 2-Methylnaphthalene	12.803	142	87042	21.046	ng		97
38) 1-Methylnaphthalene	13.021	142	83986	21.034	ng		98
40) 1,2,4,5-Tetrachloroben...	13.156	216	48020	20.515	ng		99
41) Hexachlorocyclopentadiene	13.138	237	18677	15.757	ng		96
43) 2,4,6-Trichlorophenol	13.385	196	22564	15.132	ng		97

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44) 2,4,5-Trichlorophenol	13.456	196	26529	15.644	ng		98
46) 1,1'-Biphenyl	13.791	154	113149	20.739	ng		98
47) 2-Chloronaphthalene	13.838	162	89230	20.236	ng		98
48) 2-Nitroaniline	14.020	65	19835	18.418	ng		99
49) Acenaphthylene	14.672	152	150555	21.042	ng		99
50) Dimethylphthalate	14.390	163	108678	18.233	ng		100
51) 2,6-Dinitrotoluene	14.507	165	18907	19.077	ng		99
52) Acenaphthene	15.013	154	91903	20.692	ng		95
53) 3-Nitroaniline	14.836	138	22714	19.423	ng		93
54) 2,4-Dinitrophenol	15.030	184	10195	20.279	ng	#	64
55) Dibenzofuran	15.342	168	148981	20.754	ng		100
56) 4-Nitrophenol	15.112	139	16158	16.750	ng		89
57) 2,4-Dinitrotoluene	15.283	165	25410	19.045	ng		95
58) Fluorene	15.988	166	119114	20.782	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.553	232	23625	15.463	ng		96
60) Diethylphthalate	15.741	149	112744	18.332	ng		97
61) 4-Chlorophenyl-phenyle...	15.970	204	64270	20.964	ng		95
62) 4-Nitroaniline	15.988	138	26991	21.271	ng		95
63) Azobenzene	16.264	77	132120	22.895	ng		99
65) 4,6-Dinitro-2-methylph...	16.041	198	13860	18.351	ng		92
66) n-Nitrosodiphenylamine	16.182	169	105033	19.888	ng		96
67) 4-Bromophenyl-phenylether	16.863	248	42957	20.327	ng		93
68) Hexachlorobenzene	16.987	284	49222	20.622	ng		95
69) Atrazine	17.116	200	33792	17.264	ng		98
70) Pentachlorophenol	17.322	266	19846	14.766	ng		93
71) Phenanthrene	17.727	178	213276	21.058	ng		96
72) Anthracene	17.815	178	207240	20.744	ng		97
73) Carbazole	18.074	167	185482	19.807	ng		99
74) Di-n-butylphthalate	18.620	149	188066	16.713	ng		99
75) Fluoranthene	19.713	202	271190	20.894	ng		99
77) Benzidine	19.877	184	69789	14.111	ng		98
78) Pyrene	20.071	202	274118	21.451	ng		99
80) Butylbenzylphthalate	20.941	149	64348	13.940	ng		97
81) Benzo(a)anthracene	21.957	228	260391	20.353	ng		99
82) 3,3'-Dichlorobenzidine	21.858	252	74202	17.936	ng		94
83) Chrysene	22.028	228	251975	20.913	ng		98
84) Bis(2-ethylhexyl)phtha...	21.846	149	102951	15.067	ng		98
85) Di-n-octyl phthalate	23.144	149	168828	14.724	ng		98
87) Indeno(1,2,3-cd)pyrene	29.407	276	308708	19.813	ng		99
88) Benzo(b)fluoranthene	24.331	252	249310	19.634	ng		97
89) Benzo(k)fluoranthene	24.402	252	264519	21.058	ng		99
90) Benzo(a)pyrene	25.265	252	217002	20.221	ng		100
91) Dibenzo(a,h)anthracene	29.484	278	251306	19.596	ng		100
92) Benzo(g,h,i)perylene	30.647	276	253158	20.066	ng		99

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

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