Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031324\
Data File : BG060623.D
Acq On : 13 Mar 2024 12:04
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Quant Time: Mar 14 00:30:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:26:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.323	152	87120	20.000	ng		0.00
21) Naphthalene-d8	11.167	136	406545	20.000	ng		0.00
39) Acenaphthene-d10	14.950	164	275097	20.000	ng		0.00
64) Phenanthrene-d10	17.694	188	590917	20.000	ng		0.00
76) Chrysene-d12	22.019	240	540643	20.000	ng		0.00
86) Perylene-d12	25.579	264	605641	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	107130	19.331	ng		0.00
7) Phenol-d6	7.430	99	158234	19.683	ng		0.00
23) Nitrobenzene-d5	9.521	82	141849	18.159	ng		0.00
42) 2,4,6-Tribromophenol	16.431	330	59880	18.784	ng		0.00
45) 2-Fluorobiphenyl	13.575	172	417692	20.529	ng		0.00
79) Terphenyl-d14	20.273	244	650984	21.764	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	23673	10.205	ng		94
3) Pyridine	4.075	79	68613	10.008	ng		91
4) n-Nitrosodimethylamine	3.993	42	32677m	9.716	ng		
6) Aniline	7.641	93	96684	9.842	ng		99
8) 2-Chlorophenol	7.870	128	59211	9.774	ng		99
9) Benzaldehyde	7.465	77	46861	10.413	ng		99
10) Phenol	7.459	94	77457	9.602	ng		99
11) bis(2-Chloroethyl)ether	7.741	93	64829	10.082	ng		88
12) 1,3-Dichlorobenzene	8.205	146	64353	9.850	ng		98
13) 1,4-Dichlorobenzene	8.364	146	64332	9.714	ng		96
14) 1,2-Dichlorobenzene	8.681	146	66598	10.126	ng		96
15) Benzyl Alcohol	8.564	79	60297	9.487	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.840	45	122393m	9.805	ng		
17) 2-Methylphenol	8.740	107	58823	9.497	ng		98
18) Hexachloroethane	9.410	117	22055	9.749	ng		95
19) n-Nitroso-di-n-propyla...	9.128	70	55247	9.914	ng		99
20) 3+4-Methylphenols	9.069	107	79537	9.521	ng		97
22) Acetophenone	9.163	105	106261	9.749	ng	#	96
24) Nitrobenzene	9.563	77	71425	9.146	ng		98
25) Isophorone	10.074	82	150632	9.634	ng		98
26) 2-Nitrophenol	10.273	139	23174	9.220	ng		90
27) 2,4-Dimethylphenol	10.297	122	67478	9.751	ng		92
28) bis(2-Chloroethoxy)met...	10.555	93	93796	10.007	ng		95
29) 2,4-Dichlorophenol	10.785	162	59952	9.653	ng		94
30) 1,2,4-Trichlorobenzene	11.014	180	66899	10.145	ng		94
31) Naphthalene	11.219	128	228174	10.048	ng		98
32) Benzoic acid	10.344	122	22881m	10.491	ng		
33) 4-Chloroaniline	11.331	127	95887	10.014	ng		99
34) Hexachlorobutadiene	11.454	225	44471	9.887	ng		92
35) Caprolactam	12.101	113	20596	9.851	ng	#	90
36) 4-Chloro-3-methylphenol	12.400	107	73630	9.674	ng		100
37) 2-Methylnaphthalene	12.800	142	156001	9.947	ng		99
38) 1-Methylnaphthalene	13.017	142	146101	9.925	ng		97
40) 1,2,4,5-Tetrachloroben...	13.141	216	84042	9.948	ng		97
41) Hexachlorocyclopentadiene	13.094	237	34923	8.406	ng		96
43) 2,4,6-Trichlorophenol	13.382	196	50306	9.274	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	60011	9.352	ng		98
46) 1,1'-Biphenyl	13.787	154	210932	10.087	ng		97
47) 2-Chloronaphthalene	13.840	162	157883	10.005	ng		96
48) 2-Nitroaniline	14.051	65	44987	8.637	ng		96
49) Acenaphthylene	14.680	152	256904	9.993	ng		97
50) Dimethylphthalate	14.392	163	206813	10.024	ng		99
51) 2,6-Dinitrotoluene	14.533	165	34593	9.099	ng		92
52) Acenaphthene	15.015	154	152849	9.949	ng		96
53) 3-Nitroaniline	14.868	138	39805	9.094	ng		99
54) 2,4-Dinitrophenol	15.062	184	10654	11.850	ng	#	87
55) Dibenzofuran	15.344	168	251115	10.095	ng		99
56) 4-Nitrophenol	15.127	139	26795	8.203	ng		95
57) 2,4-Dinitrotoluene	15.309	165	41557	8.689	ng	#	96
58) Fluorene	15.990	166	201379	10.119	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.550	232	51780m	9.650	ng		
60) Diethylphthalate	15.738	149	214456	10.102	ng		99
61) 4-Chlorophenyl-phenyle...	15.979	204	101915	10.110	ng		97
62) 4-Nitroaniline	16.026	138	42195	9.416	ng		96
63) Azobenzene	16.272	77	220122	10.020	ng		98
65) 4,6-Dinitro-2-methylph...	16.049	198	16772	10.466	ng		92
66) n-Nitrosodiphenylamine	16.196	169	182113	9.847	ng		95
67) 4-Bromophenyl-phenylether	16.877	248	60224	9.451	ng		92
68) Hexachlorobenzene	16.960	284	73215	9.993	ng		97
69) Atrazine	17.124	200	61066	9.872	ng		99
70) Pentachlorophenol	17.318	266	35294	7.433	ng		98
71) Phenanthrene	17.741	178	324422	10.192	ng		96
72) Anthracene	17.829	178	325649	10.118	ng		99
73) Carbazole	18.105	167	283896	10.145	ng		99
74) Di-n-butylphthalate	18.617	149	336406	9.864	ng		100
75) Fluoranthene	19.733	202	352064	9.999	ng		99
77) Benzidine	19.921	184	109991	8.317	ng		96
78) Pyrene	20.097	202	384597	10.194	ng		97
80) Butylbenzylphthalate	20.961	149	129039	9.047	ng		99
81) Benzo(a)anthracene	21.995	228	370897	9.964	ng		98
82) 3,3'-Dichlorobenzidine	21.907	252	116262	9.266	ng		92
83) Chrysene	22.066	228	360841	9.983	ng		98
84) Bis(2-ethylhexyl)phtha...	21.842	149	190492	9.041	ng		98
85) Di-n-octyl phthalate	23.170	149	306416	8.832	ng		100
87) Indeno(1,2,3-cd)pyrene	29.692	276	385516m	9.336	ng		
88) Benzo(b)fluoranthene	24.422	252	320649	9.624	ng		98
89) Benzo(k)fluoranthene	24.498	252	334831	9.566	ng		99
90) Benzo(a)pyrene	25.397	252	303279	9.284	ng		98
91) Dibenzo(a,h)anthracene	29.786	278	326498	9.305	ng		97
92) Benzo(g,h,i)perylene	30.984	276	320664	9.444	ng		95

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

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