Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057532.D
Acq On : 24 May 2023 11:54
Operator : CG/JU
Sample : PB152934BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 25 02:23:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 02:19:01 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152934BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/25/2023
Supervised By :Jagrut Upadhyay
05/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	18684	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	78678	20.000	ng	0.00
39) Acenaphthene-d10	14.983	164	63588	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	157672	20.000	ng	0.00
76) Chrysene-d12	22.033	240	126651	20.000	ng	0.00
86) Perylene-d12	25.546	264	138007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	171554	157.066	ng	0.00
7) Phenol-d6	7.511	99	258463	155.831	ng	0.00
23) Nitrobenzene-d5	9.544	82	163192	87.055	ng	0.00
42) 2,4,6-Tribromophenol	16.470	330	142140	157.540	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	438686	92.914	ng	0.00
79) Terphenyl-d14	20.288	244	783416	100.945	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.669	88	15331	33.947	ng	98
3) Pyridine	4.098	79	45378	31.266	ng	91
4) n-Nitrosodimethylamine	4.004	42	24444	35.840	ng	84
6) Aniline	7.676	93	72007	34.222	ng	97
8) 2-Chlorophenol	7.928	128	63550	55.063	ng	95
9) Benzaldehyde	7.488	77	27907	29.977	ng	95
10) Phenol	7.535	94	88745	54.888	ng	98
11) bis(2-Chloroethyl)ether	7.764	93	56759	46.554	ng	96
12) 1,3-Dichlorobenzene	8.251	146	63238	49.645	ng	97
13) 1,4-Dichlorobenzene	8.398	146	64958	50.768	ng	97
14) 1,2-Dichlorobenzene	8.721	146	63914	51.744	ng	96
15) Benzyl Alcohol	8.598	79	69574	50.352	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.880	45	70494	45.874	ng	98
17) 2-Methylphenol	8.803	107	61313	52.606	ng	98
18) Hexachloroethane	9.456	117	23616	51.145	ng	91
19) n-Nitroso-di-n-propyla...	9.168	70	56136	44.386	ng	97
20) 3+4-Methylphenols	9.132	107	85329	53.467	ng	93
22) Acetophenone	9.191	105	102836	45.667	ng	94
24) Nitrobenzene	9.585	77	82128	43.407	ng	96
25) Isophorone	10.108	82	155689	42.830	ng	97
26) 2-Nitrophenol	10.307	139	37517	51.802	ng	92
27) 2,4-Dimethylphenol	10.348	122	69851	55.081	ng	97
28) bis(2-Chloroethoxy)met...	10.578	93	85583	46.996	ng	96
29) 2,4-Dichlorophenol	10.848	162	75716	56.293	ng	97
30) 1,2,4-Trichlorobenzene	11.059	180	74593	48.082	ng	99
31) Naphthalene	11.253	128	200262	47.611	ng	99
32) Benzoic acid	10.513	122	36154	49.298	ng	92
33) 4-Chloroaniline	11.359	127	64090	33.929	ng	96
34) Hexachlorobutadiene	11.517	225	53091	46.120	ng	98
35) Caprolactam	12.134	113	25322m	55.114	ng	
36) 4-Chloro-3-methylphenol	12.457	107	84031	54.975	ng	97
37) 2-Methylnaphthalene	12.833	142	157422	47.601	ng	94
38) 1-Methylnaphthalene	13.051	142	148198	47.543	ng	99
40) 1,2,4,5-Tetrachloroben...	13.192	216	107921	47.807	ng	98
41) Hexachlorocyclopentadiene	13.162	237	94386	86.436	ng	98
43) 2,4,6-Trichlorophenol	13.427	196	71103	51.700	ng	100

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44) 2,4,5-Trichlorophenol	13.509	196	78765	48.688	ng		97
46) 1,1'-Biphenyl	13.814	154	229519	48.643	ng		99
47) 2-Chloronaphthalene	13.867	162	173916	49.566	ng		99
48) 2-Nitroaniline	14.067	65	56559	47.407	ng		94
49) Acenaphthylene	14.707	152	276359	48.481	ng		99
50) Dimethylphthalate	14.419	163	242382	46.386	ng		98
51) 2,6-Dinitrotoluene	14.549	165	54836	51.398	ng		88
52) Acenaphthene	15.048	154	171494	48.145	ng		100
53) 3-Nitroaniline	14.884	138	36662	34.301	ng		94
54) 2,4-Dinitrophenol	15.101	184	64737	96.876	ng		98
55) Dibenzofuran	15.377	168	285030	47.625	ng		100
56) 4-Nitrophenol	15.195	139	69740	98.105	ng		90
57) 2,4-Dinitrotoluene	15.342	165	77549	50.860	ng		90
58) Fluorene	16.023	166	238765	48.433	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.606	232	72871	49.684	ng	#	99
60) Diethylphthalate	15.765	149	246131	46.382	ng		98
61) 4-Chlorophenyl-phenyle...	16.000	204	138670	46.693	ng		97
62) 4-Nitroaniline	16.047	138	50535	46.867	ng		92
63) Azobenzene	16.293	77	226012	44.142	ng		97
65) 4,6-Dinitro-2-methylph...	16.105	198	51301	54.497	ng		97
66) n-Nitrosodiphenylamine	16.217	169	213062	49.753	ng		99
67) 4-Bromophenyl-phenylether	16.893	248	94772	49.238	ng		97
68) Hexachlorobenzene	17.028	284	98583	52.705	ng		95
69) Atrazine	17.151	200	89935	55.054	ng		98
70) Pentachlorophenol	17.374	266	93545	86.779	ng		98
71) Phenanthrene	17.762	178	389523	48.212	ng		99
72) Anthracene	17.856	178	399397	48.177	ng		99
73) Carbazole	18.120	167	345177	49.458	ng		100
74) Di-n-butylphthalate	18.631	149	392266	48.850	ng		98
75) Fluoranthene	19.753	202	458620	45.640	ng		98
77) Benzidine	19.918	184	173692	61.344	ng		99
78) Pyrene	20.112	202	456679	49.622	ng		98
80) Butylbenzylphthalate	20.964	149	158468	54.268	ng		94
81) Benzo(a)anthracene	22.009	228	434709	48.175	ng		99
82) 3,3'-Dichlorobenzidine	21.903	252	110472	38.222	ng		99
83) Chrysene	22.080	228	398995	46.996	ng		99
84) Bis(2-ethylhexyl)phtha...	21.851	149	226131	52.339	ng		98
85) Di-n-octyl phthalate	23.143	149	381666	52.988	ng		98
87) Indeno(1,2,3-cd)pyrene	29.616	276	491324	48.848	ng		99
88) Benzo(b)fluoranthene	24.418	252	438746	48.634	ng		100
89) Benzo(k)fluoranthene	24.488	252	430301	46.938	ng		99
90) Benzo(a)pyrene	25.381	252	389192	44.158	ng		96
91) Dibenzo(a,h)anthracene	29.669	278	410945	49.060	ng		98
92) Benzo(g,h,i)perylene	30.891	276	398115	48.676	ng		99

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

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