Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
Data File : BG057200.D
Acq On : 27 Apr 2023 18:50
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 04:28:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 04:23:12 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.383	152	15076	20.000	ng		0.00
21) Naphthalene-d8	11.221	136	60136	20.000	ng		0.00
39) Acenaphthene-d10	14.992	164	47308	20.000	ng		0.00
64) Phenanthrene-d10	17.730	188	121772	20.000	ng		0.00
76) Chrysene-d12	22.041	240	109366	20.000	ng		0.00
86) Perylene-d12	25.554	264	111964	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.899	112	17649	20.026	ng		0.00
7) Phenol-d6	7.514	99	25505	19.057	ng		0.00
23) Nitrobenzene-d5	9.552	82	27930	19.493	ng		0.00
42) 2,4,6-Tribromophenol	16.472	330	13135	19.568	ng		0.00
45) 2-Fluorobiphenyl	13.617	172	69761	19.860	ng		0.00
79) Terphenyl-d14	20.297	244	135374	20.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.701	88	3853	10.573	ng		95
3) Pyridine	4.130	79	11393	9.729	ng		98
4) n-Nitrosodimethylamine	4.036	42	5417	9.843	ng	#	96
6) Aniline	7.690	93	16709	9.842	ng		95
8) 2-Chlorophenol	7.943	128	9343	10.033	ng		98
9) Benzaldehyde	7.508	77	9655	8.023	ng		94
10) Phenol	7.543	94	12943	9.921	ng		95
11) bis(2-Chloroethyl)ether	7.778	93	9577	9.735	ng		92
12) 1,3-Dichlorobenzene	8.272	146	10390	10.109	ng		95
13) 1,4-Dichlorobenzene	8.419	146	10248	9.926	ng		98
14) 1,2-Dichlorobenzene	8.742	146	9679	9.711	ng		94
15) Benzyl Alcohol	8.612	79	10111	9.069	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.900	45	12168	9.813	ng		97
17) 2-Methylphenol	8.818	107	9368	9.961	ng		96
18) Hexachloroethane	9.482	117	3645	9.783	ng		94
19) n-Nitroso-di-n-propyla...	9.176	70	10094	9.891	ng	#	97
20) 3+4-Methylphenols	9.141	107	12346	9.587	ng		98
22) Acetophenone	9.206	105	17527	10.183	ng	#	97
24) Nitrobenzene	9.599	77	13656	9.443	ng		95
25) Isophorone	10.116	82	27764	9.993	ng		97
26) 2-Nitrophenol	10.316	139	5083	9.182	ng		93
27) 2,4-Dimethylphenol	10.363	122	9260	9.553	ng		95
28) bis(2-Chloroethoxy)met...	10.592	93	14098	10.129	ng		96
29) 2,4-Dichlorophenol	10.862	162	9790	9.523	ng		98
30) 1,2,4-Trichlorobenzene	11.074	180	12087	10.193	ng		92
31) Naphthalene	11.268	128	31662	9.848	ng	#	97
32) Benzoic acid	10.463	122	3240m	9.944	ng		
33) 4-Chloroaniline	11.368	127	13897	9.625	ng		97
34) Hexachlorobutadiene	11.544	225	8675	9.860	ng		93
35) Caprolactam	12.114	113	3400	9.682	ng		94
36) 4-Chloro-3-methylphenol	12.460	107	10902	9.332	ng		96
37) 2-Methylnaphthalene	12.848	142	24433	9.666	ng		98
38) 1-Methylnaphthalene	13.059	142	23332	9.793	ng		98
40) 1,2,4,5-Tetrachloroben...	13.206	216	15974	9.511	ng		98
41) Hexachlorocyclopentadiene	13.183	237	3977	10.834	ng		93
43) 2,4,6-Trichlorophenol	13.441	196	9900	9.676	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.518	196	11500	9.555	ng		97
46) 1,1'-Biphenyl	13.829	154	34368	9.790	ng		98
47) 2-Chloronaphthalene	13.882	162	25445	9.747	ng		98
48) 2-Nitroaniline	14.076	65	8330	9.385	ng		97
49) Acenaphthylene	14.722	152	41644	9.819	ng		99
50) Dimethylphthalate	14.422	163	40140	10.325	ng		99
51) 2,6-Dinitrotoluene	14.557	165	7792	9.817	ng		93
52) Acenaphthene	15.057	154	26243	9.903	ng		97
53) 3-Nitroaniline	14.892	138	7961	10.011	ng	#	80
54) 2,4-Dinitrophenol	15.104	184	2883	10.421	ng		90
55) Dibenzofuran	15.386	168	44367	9.964	ng		96
56) 4-Nitrophenol	15.192	139	4778	9.034	ng		96
57) 2,4-Dinitrotoluene	15.339	165	11190	9.864	ng		98
58) Fluorene	16.032	166	37702	10.280	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.615	232	10211	9.358	ng	#	98
60) Diethylphthalate	15.767	149	40633	10.292	ng		97
61) 4-Chlorophenyl-phenyle...	16.008	204	22177	10.037	ng		99
62) 4-Nitroaniline	16.044	138	7813	9.739	ng		92
63) Azobenzene	16.302	77	39206	10.292	ng		97
65) 4,6-Dinitro-2-methylph...	16.102	198	6306	8.674	ng		91
66) n-Nitrosodiphenylamine	16.226	169	32290	9.763	ng		95
67) 4-Bromophenyl-phenylether	16.907	248	14558	9.793	ng		97
68) Hexachlorobenzene	17.036	284	13805	9.556	ng		94
69) Atrazine	17.154	200	12745	10.102	ng		94
70) Pentachlorophenol	17.383	266	6399	7.686	ng		90
71) Phenanthrene	17.771	178	62589	10.031	ng		99
72) Anthracene	17.865	178	63937	9.986	ng		97
73) Carbazole	18.129	167	54466	10.105	ng		98
74) Di-n-butylphthalate	18.646	149	60040	9.681	ng		99
75) Fluoranthene	19.762	202	78410	10.103	ng		98
77) Benzidine	19.927	184	26869	10.989	ng		96
78) Pyrene	20.120	202	79809	10.042	ng		99
80) Butylbenzylphthalate	20.972	149	23498	9.319	ng		95
81) Benzo(a)anthracene	22.018	228	75497	9.689	ng		100
82) 3,3'-Dichlorobenzidine	21.918	252	23929	9.588	ng		96
83) Chrysene	22.088	228	72817	9.932	ng		97
84) Bis(2-ethylhexyl)phtha...	21.871	149	35359	9.477	ng		99
85) Di-n-octyl phthalate	23.169	149	58746	9.445	ng		96
87) Indeno(1,2,3-cd)pyrene	29.602	276	79574	9.752	ng	#	56
88) Benzo(b)fluoranthene	24.420	252	71438	9.761	ng		95
89) Benzo(k)fluoranthene	24.491	252	74969	10.080	ng		99
90) Benzo(a)pyrene	25.378	252	69800	9.762	ng		95
91) Dibenzo(a,h)anthracene	29.660	278	66904	9.845	ng	#	97
92) Benzo(g,h,i)perylene	30.865	276	65070	9.806	ng		98

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

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