Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054836.D
Acq On : 2 Sep 2022 12:02
Operator : CG/JU
Sample : PB147356BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 03 00:24:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB147356BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
09/06/2022
Supervised By :Jagrut Upadhyay
09/06/2022
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09/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.149	152	40620	20.000	ng		0.00
21) Naphthalene-d8	10.975	136	171017	20.000	ng		0.00
39) Acenaphthene-d10	14.783	164	116640	20.000	ng		0.00
64) Phenanthrene-d10	17.532	188	265066	20.000	ng		0.00
76) Chrysene-d12	21.827	240	240146	20.000	ng		0.00
86) Perylene-d12	25.200	264	259801	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	324412	139.074	ng		0.00
7) Phenol-d6	7.303	99	430111	134.827	ng		0.00
23) Nitrobenzene-d5	9.324	82	252741	77.583	ng		0.00
42) 2,4,6-Tribromophenol	16.275	330	193793	132.963	ng		0.00
45) 2-Fluorobiphenyl	13.408	172	620407	79.945	ng		0.00
79) Terphenyl-d14	20.129	244	1044941	86.216	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.525	88	34802	31.244	ng		99
3) Pyridine	3.937	79	98892	31.830	ng		95
4) n-Nitrosodimethylamine	3.848	42	52414	39.027	ng		99
6) Aniline	7.468	93	156495	41.289	ng		97
8) 2-Chlorophenol	7.709	128	128599	50.459	ng		99
9) Benzaldehyde	7.280	77	41436	19.818	ng		98
10) Phenol	7.333	94	161219	49.142	ng		96
11) bis(2-Chloroethyl)ether	7.562	93	114195	43.280	ng		98
12) 1,3-Dichlorobenzene	8.038	146	131666	44.643	ng		98
13) 1,4-Dichlorobenzene	8.184	146	133763	44.964	ng		98
14) 1,2-Dichlorobenzene	8.508	146	131959	46.780	ng		98
15) Benzyl Alcohol	8.384	79	110032m	47.744	ng		
16) 2,2'-oxybis(1-Chloropr...	8.672	45	168557	40.827	ng		97
17) 2-Methylphenol	8.590	107	111578	49.398	ng		98
18) Hexachloroethane	9.242	117	46577	43.177	ng		95
19) n-Nitroso-di-n-propyla...	8.954	70	94604	43.125	ng	#	97
20) 3+4-Methylphenols	8.919	107	151154	48.258	ng		96
22) Acetophenone	8.978	105	186302	43.544	ng	#	96
24) Nitrobenzene	9.365	77	136648	41.616	ng		98
25) Isophorone	9.888	82	266493	43.873	ng		99
26) 2-Nitrophenol	10.082	139	70548	48.640	ng		95
27) 2,4-Dimethylphenol	10.129	122	122930	53.493	ng		97
28) bis(2-Chloroethoxy)met...	10.364	93	159491	46.079	ng		99
29) 2,4-Dichlorophenol	10.617	162	125601	48.052	ng		98
30) 1,2,4-Trichlorobenzene	10.834	180	127955	42.836	ng		96
31) Naphthalene	11.028	128	388942	42.389	ng		99
32) Benzoic acid	10.317	122	19080	17.542	ng		95
33) 4-Chloroaniline	11.134	127	115380	30.845	ng		97
34) Hexachlorobutadiene	11.298	225	83661	43.714	ng		96
35) Caprolactam	11.910	113	42825m	46.439	ng		
36) 4-Chloro-3-methylphenol	12.244	107	134562	47.077	ng		99
37) 2-Methylnaphthalene	12.620	142	277743	43.189	ng		99
38) 1-Methylnaphthalene	12.844	142	264313	42.244	ng		100
40) 1,2,4,5-Tetrachloroben...	12.985	216	156799	44.595	ng		99
41) Hexachlorocyclopentadiene	12.961	237	154260	82.728	ng		100
43) 2,4,6-Trichlorophenol	13.226	196	99733	42.735	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.296	196	110907	42.316	ng		98
46) 1,1'-Biphenyl	13.619	154	373299	43.098	ng		99
47) 2-Chloronaphthalene	13.666	162	276512	42.035	ng		99
48) 2-Nitroaniline	13.872	65	88239	42.801	ng		93
49) Acenaphthylene	14.512	152	460097	42.385	ng		99
50) Dimethylphthalate	14.230	163	381952	42.505	ng		100
51) 2,6-Dinitrotoluene	14.360	165	83656	45.515	ng	#	86
52) Acenaphthene	14.847	154	319270m	45.787	ng		
53) 3-Nitroaniline	14.694	138	70072	34.056	ng		93
54) 2,4-Dinitrophenol	14.900	184	77317	74.995	ng		96
55) Dibenzofuran	15.182	168	438413	42.788	ng		99
56) 4-Nitrophenol	15.000	139	130008	81.650	ng		95
57) 2,4-Dinitrotoluene	15.141	165	117527	46.229	ng		89
58) Fluorene	15.828	166	364270	42.202	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.405	232	95912	40.596	ng		98
60) Diethylphthalate	15.588	149	376153	41.920	ng		97
61) 4-Chlorophenyl-phenyle...	15.817	204	189478	44.498	ng		98
62) 4-Nitroaniline	15.858	138	87932	41.858	ng		93
63) Azobenzene	16.110	77	335428	39.334	ng		95
65) 4,6-Dinitro-2-methylph...	15.905	198	61009	45.217	ng		99
66) n-Nitrosodiphenylamine	16.034	169	330520	43.239	ng		100
67) 4-Bromophenyl-phenylether	16.710	248	135646	46.610	ng		96
68) Hexachlorobenzene	16.833	284	151346	46.261	ng		95
69) Atrazine	16.974	200	127148	47.149	ng		100
70) Pentachlorophenol	17.180	266	127443	71.696	ng		98
71) Phenanthrene	17.573	178	594929	42.133	ng		99
72) Anthracene	17.667	178	601939	43.847	ng		99
73) Carbazole	17.932	167	550982	43.561	ng		99
74) Di-n-butylphthalate	18.472	149	666376	41.635	ng		99
75) Fluoranthene	19.577	202	718353	41.820	ng		99
77) Benzidine	19.753	184	333789	56.117	ng		99
78) Pyrene	19.941	202	723320	43.196	ng		99
80) Butylbenzylphthalate	20.811	149	289756	41.484	ng		95
81) Benzo(a)anthracene	21.804	228	698824	42.919	ng		99
82) 3,3'-Dichlorobenzidine	21.716	252	224640	39.350	ng		99
83) Chrysene	21.874	228	659127	42.337	ng		100
84) Bis(2-ethylhexyl)phtha...	21.686	149	421580	41.893	ng		98
85) Di-n-octyl phthalate	22.944	149	714054	41.841	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.089	276	836640	42.419	ng		99
88) Benzo(b)fluoranthene	24.125	252	752306	46.161	ng		99
89) Benzo(k)fluoranthene	24.195	252	716094	43.659	ng		98
90) Benzo(a)pyrene	25.041	252	655189	47.055	ng		99
91) Dibenzo(a,h)anthracene	29.160	278	729619	45.407	ng		99
92) Benzo(g,h,i)perylene	30.311	276	729764	44.956	ng		97

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

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