Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
Data File : BG054698.D
Acq On : 23 Aug 2022 2:35
Operator : CG/JU
Sample : PB147159BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 23 05:24:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB147159BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Jagrut Upadhyay 08/23/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.161	152	57278	20.000	ng		0.00
21) Naphthalene-d8	10.981	136	240756	20.000	ng		0.00
39) Acenaphthene-d10	14.788	164	153559	20.000	ng		0.00
64) Phenanthrene-d10	17.532	188	329787	20.000	ng		0.00
76) Chrysene-d12	21.827	240	299177	20.000	ng		0.00
86) Perylene-d12	25.194	264	320415	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	462566	152.182	ng		0.00
7) Phenol-d6	7.303	99	603523	141.704	ng		0.00
23) Nitrobenzene-d5	9.330	82	348973	82.605	ng		0.00
42) 2,4,6-Tribromophenol	16.275	330	201704	164.018	ng		0.00
45) 2-Fluorobiphenyl	13.414	172	803529	77.167	ng		0.00
79) Terphenyl-d14	20.135	244	1288716	85.568	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.543	88	52233	33.423	ng		98
3) Pyridine	3.948	79	145677	33.295	ng		97
4) n-Nitrosodimethylamine	3.866	42	85835	44.783	ng		97
6) Aniline	7.479	93	236920	44.588	ng		98
8) 2-Chlorophenol	7.720	128	173696	53.653	ng		99
9) Benzaldehyde	7.291	77	96588	32.802	ng		98
10) Phenol	7.332	94	222535	50.443	ng		98
11) bis(2-Chloroethyl)ether	7.567	93	172620	45.778	ng		99
12) 1,3-Dichlorobenzene	8.049	146	187939	45.224	ng		99
13) 1,4-Dichlorobenzene	8.196	146	191144	45.643	ng		99
14) 1,2-Dichlorobenzene	8.513	146	184903	46.817	ng		98
15) Benzyl Alcohol	8.396	79	157426	53.040	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.684	45	274504	46.919	ng		99
17) 2-Methylphenol	8.590	107	153104	51.475	ng		99
18) Hexachloroethane	9.254	117	66750	48.263	ng		99
19) n-Nitroso-di-n-propyla...	8.966	70	138722	46.294	ng		97
20) 3+4-Methylphenols	8.919	107	203490	51.249	ng		96
22) Acetophenone	8.989	105	265890	43.851	ng	#	100
24) Nitrobenzene	9.377	77	191941	44.192	ng		99
25) Isophorone	9.894	82	377660	46.904	ng		100
26) 2-Nitrophenol	10.088	139	70839	52.420	ng		97
27) 2,4-Dimethylphenol	10.135	122	169746	57.794	ng		98
28) bis(2-Chloroethoxy)met...	10.376	93	233693	49.132	ng		100
29) 2,4-Dichlorophenol	10.623	162	162864	51.680	ng		100
30) 1,2,4-Trichlorobenzene	10.840	180	175167	41.712	ng		98
31) Naphthalene	11.034	128	538990	41.598	ng		99
32) Benzoic acid	10.270	122	86970	52.780	ng		95
33) 4-Chloroaniline	11.134	127	141875	27.741	ng		98
34) Hexachlorobutadiene	11.310	225	110145	41.546	ng		97
35) Caprolactam	11.909	113	52230m	53.082	ng		
36) 4-Chloro-3-methylphenol	12.238	107	172191	51.419	ng		99
37) 2-Methylnaphthalene	12.626	142	374558	42.078	ng		99
38) 1-Methylnaphthalene	12.844	142	361199	41.959	ng		99
40) 1,2,4,5-Tetrachloroben...	12.991	216	197534	41.666	ng		98
41) Hexachlorocyclopentadiene	12.967	237	242803	123.213	ng		99
43) 2,4,6-Trichlorophenol	13.220	196	129850	52.134	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.296	196	140871	49.973	ng	99
46) 1,1'-Biphenyl	13.625	154	500280	43.056	ng	99
47) 2-Chloronaphthalene	13.672	162	369287	41.663	ng	98
48) 2-Nitroaniline	13.872	65	105274	48.067	ng	99
49) Acenaphthylene	14.512	152	609246	42.288	ng	100
50) Dimethylphthalate	14.236	163	480987	46.516	ng	98
51) 2,6-Dinitrotoluene	14.360	165	95028	50.530	ng	97
52) Acenaphthene	14.853	154	404620	45.808	ng	98
53) 3-Nitroaniline	14.689	138	82651	38.111	ng	98
54) 2,4-Dinitrophenol	14.888	184	82040	122.312	ng	95
55) Dibenzofuran	15.188	168	558983	41.759	ng	100
56) 4-Nitrophenol	14.982	139	177864	110.341	ng	100
57) 2,4-Dinitrotoluene	15.141	165	131165	46.783	ng	96
58) Fluorene	15.834	166	465029	42.023	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.405	232	121158	51.624	ng	95
60) Diethylphthalate	15.593	149	479169	47.507	ng	98
61) 4-Chlorophenyl-phenyle...	15.823	204	239035	43.621	ng	99
62) 4-Nitroaniline	15.852	138	110103	46.588	ng	99
63) Azobenzene	16.116	77	470378	41.990	ng	99
65) 4,6-Dinitro-2-methylph...	15.899	198	53546	53.153	ng	98
66) n-Nitrosodiphenylamine	16.034	169	419670	44.781	ng	99
67) 4-Bromophenyl-phenylether	16.716	248	141882	44.693	ng	98
68) Hexachlorobenzene	16.833	284	175898	43.913	ng	100
69) Atrazine	16.980	200	151388	54.512	ng	99
70) Pentachlorophenol	17.174	266	205378	91.164	ng	98
71) Phenanthrene	17.579	178	748474	42.579	ng	99
72) Anthracene	17.667	178	758843	44.549	ng	100
73) Carbazole	17.932	167	703527	46.423	ng	99
74) Di-n-butylphthalate	18.484	149	833355	51.545	ng	100
75) Fluoranthene	19.577	202	916714	44.234	ng	100
77) Benzidine	19.753	184	457787	70.474	ng	98
78) Pyrene	19.941	202	917400	43.472	ng	98
80) Butylbenzylphthalate	20.823	149	341263	49.061	ng	96
81) Benzo(a)anthracene	21.810	228	880543	43.336	ng	100
82) 3,3'-Dichlorobenzidine	21.716	252	251806	41.011	ng	98
83) Chrysene	21.874	228	823009	42.562	ng	99
84) Bis(2-ethylhexyl)phtha...	21.698	149	512381	48.549	ng	100
85) Di-n-octyl phthalate	22.967	149	838276	53.502	ng	98
87) Indeno(1,2,3-cd)pyrene	29.072	276	1039493	43.475	ng	100
88) Benzo(b)fluoranthene	24.125	252	943856	47.440	ng	98
89) Benzo(k)fluoranthene	24.195	252	893683	43.528	ng	99
90) Benzo(a)pyrene	25.041	252	822720	48.178	ng	98
91) Dibenzo(a,h)anthracene	29.148	278	893998	45.514	ng	98
92) Benzo(g,h,i)perylene	30.294	276	876245	45.632	ng	100

08/23/2022 Supervised By :Jagrut Upadhyay

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

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