Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054802.D
Acq On : 31 Aug 2022 11:39
Operator : CG/JU
Sample : PB147287BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 01 04:58:40 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 :
PB147287BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	42212	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	178534	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	120539	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	273553	20.000	ng	0.00
76) Chrysene-d12	21.827	240	259543	20.000	ng	0.00
86) Perylene-d12	25.199	264	276843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	369627	152.481	ng	0.00
7) Phenol-d6	7.303	99	478418	144.313	ng	0.00
23) Nitrobenzene-d5	9.324	82	290420	85.396	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	212190	140.876	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	671591	83.741	ng	0.00
79) Terphenyl-d14	20.135	244	1179286	90.028	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	39277	33.932	ng	97
3) Pyridine	3.936	79	110718	34.293	ng	97
4) n-Nitrosodimethylamine	3.854	42	61570	44.116	ng	96
6) Aniline	7.467	93	190308	48.316	ng	99
8) 2-Chlorophenol	7.714	128	137749	52.011	ng	99
9) Benzaldehyde	7.279	77	68229	31.402	ng	96
10) Phenol	7.326	94	171179	50.210	ng	99
11) bis(2-Chloroethyl)ether	7.561	93	129224	47.129	ng	98
12) 1,3-Dichlorobenzene	8.037	146	148651	48.501	ng	98
13) 1,4-Dichlorobenzene	8.184	146	149182	48.256	ng	98
14) 1,2-Dichlorobenzene	8.507	146	146584	50.005	ng	98
15) Benzyl Alcohol	8.390	79	120271m	50.218	ng	
16) 2,2'-oxybis(1-Chloropr...	8.672	45	191940	44.737	ng	98
17) 2-Methylphenol	8.589	107	116658	49.699	ng	97
18) Hexachloroethane	9.242	117	51951	46.342	ng	97
19) n-Nitroso-di-n-propyla...	8.954	70	102303	44.876	ng	97
20) 3+4-Methylphenols	8.918	107	159294	48.939	ng	97
22) Acetophenone	8.977	105	203008	45.451	ng	98
24) Nitrobenzene	9.365	77	149432	43.593	ng	98
25) Isophorone	9.888	82	287255	45.300	ng	100
26) 2-Nitrophenol	10.082	139	73013	48.220	ng	97
27) 2,4-Dimethylphenol	10.129	122	129132	53.825	ng	97
28) bis(2-Chloroethoxy)met...	10.370	93	171080	47.346	ng	100
29) 2,4-Dichlorophenol	10.617	162	130631	47.872	ng	99
30) 1,2,4-Trichlorobenzene	10.834	180	141319	45.318	ng	98
31) Naphthalene	11.028	128	419479	43.793	ng	99
32) Benzoic acid	10.282	122	38000m	26.383	ng	
33) 4-Chloroaniline	11.134	127	156394	40.049	ng	98
34) Hexachlorobutadiene	11.304	225	92559	46.327	ng	98
35) Caprolactam	11.903	113	45658m	47.427	ng	
36) 4-Chloro-3-methylphenol	12.244	107	141324	47.361	ng	99
37) 2-Methylnaphthalene	12.626	142	294657	43.890	ng	99
38) 1-Methylnaphthalene	12.843	142	279904	42.852	ng	99
40) 1,2,4,5-Tetrachloroben...	12.984	216	165317	45.497	ng	99
41) Hexachlorocyclopentadiene	12.961	237	199011	103.275	ng	98
43) 2,4,6-Trichlorophenol	13.219	196	108020	44.788	ng	100

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44) 2,4,5-Trichlorophenol	13.296	196	117570	43.407	ng		98
46) 1,1'-Biphenyl	13.619	154	397832	44.444	ng		98
47) 2-Chloronaphthalene	13.666	162	290509	42.734	ng		99
48) 2-Nitroaniline	13.872	65	93394	43.837	ng		96
49) Acenaphthylene	14.512	152	487056	43.417	ng		100
50) Dimethylphthalate	14.230	163	398437	42.905	ng		98
51) 2,6-Dinitrotoluene	14.359	165	86063	45.310	ng		87
52) Acenaphthene	14.853	154	335110m	46.504	ng		
53) 3-Nitroaniline	14.688	138	82047	38.586	ng		95
54) 2,4-Dinitrophenol	14.894	184	81746	76.571	ng		97
55) Dibenzofuran	15.182	168	457721	43.228	ng		100
56) 4-Nitrophenol	14.994	139	150365	91.380	ng		95
57) 2,4-Dinitrotoluene	15.141	165	121516	46.252	ng		88
58) Fluorene	15.828	166	383769	43.022	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.405	232	101081	41.400	ng		98
60) Diethylphthalate	15.587	149	398465	42.970	ng		98
61) 4-Chlorophenyl-phenyle...	15.816	204	199762	45.396	ng		99
62) 4-Nitroaniline	15.852	138	94540	43.548	ng		97
63) Azobenzene	16.110	77	358773	40.710	ng		97
65) 4,6-Dinitro-2-methylph...	15.904	198	58989	42.363	ng		96
66) n-Nitrosodiphenylamine	16.034	169	351562	44.565	ng		99
67) 4-Bromophenyl-phenylether	16.715	248	138773	46.205	ng		97
68) Hexachlorobenzene	16.833	284	156966	46.490	ng		96
69) Atrazine	16.974	200	130499	46.890	ng		98
70) Pentachlorophenol	17.179	266	162119	88.374	ng		99
71) Phenanthrene	17.573	178	630615	43.275	ng		99
72) Anthracene	17.667	178	637245	44.978	ng		100
73) Carbazole	17.937	167	592850	45.417	ng		99
74) Di-n-butylphthalate	18.478	149	717695	43.450	ng		99
75) Fluoranthene	19.582	202	776690	43.813	ng		98
77) Benzidine	19.759	184	521310	81.093	ng		99
78) Pyrene	19.941	202	791530	43.736	ng		99
80) Butylbenzylphthalate	20.816	149	315019	41.731	ng		97
81) Benzo(a)anthracene	21.809	228	769228	43.712	ng		100
82) 3,3'-Dichlorobenzidine	21.715	252	272930	44.236	ng		99
83) Chrysene	21.880	228	721103	42.857	ng		100
84) Bis(2-ethylhexyl)phtha...	21.692	149	465278	42.780	ng		98
85) Di-n-octyl phthalate	22.955	149	790994	42.886	ng		95
87) Indeno(1,2,3-cd)pyrene	29.089	276	913867	43.482	ng	#	94
88) Benzo(b)fluoranthene	24.124	252	809455	46.610	ng		99
89) Benzo(k)fluoranthene	24.201	252	797067	45.605	ng		98
90) Benzo(a)pyrene	25.047	252	719323	48.481	ng		98
91) Dibenzo(a,h)anthracene	29.159	278	789909	46.133	ng		100
92) Benzo(g,h,i)perylene	30.311	276	782337	45.228	ng		97

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

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