Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
Data File : BG054686.D
Acq On : 22 Aug 2022 17:23
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 23 00:19:42 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 00:12:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	56672	20.000	ng	0.00
21) Naphthalene-d8	10.986	136	226384	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	139935	20.000	ng	0.00
64) Phenanthrene-d10	17.537	188	305418	20.000	ng	0.00
76) Chrysene-d12	21.826	240	269818	20.000	ng	0.00
86) Perylene-d12	25.198	264	286944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	241739	77.238	ng	0.00
7) Phenol-d6	7.302	99	339278	77.512	ng	0.00
23) Nitrobenzene-d5	9.335	82	316669	80.759	ng	0.00
42) 2,4,6-Tribromophenol	16.274	330	91344	62.515	ng	0.00
45) 2-Fluorobiphenyl	13.418	172	736261	82.415	ng	0.00
79) Terphenyl-d14	20.134	244	1064797	84.347	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.547	88	58306	38.153	ng	100
3) Pyridine	3.959	79	173669	42.303	ng	100
4) n-Nitrosodimethylamine	3.870	42	74152	40.573	ng	100
6) Aniline	7.478	93	210063	40.043	ng	100
8) 2-Chlorophenol	7.719	128	129928	38.267	ng	100
9) Benzaldehyde	7.290	77	112285	42.573	ng	100
10) Phenol	7.325	94	174206	39.177	ng	100
11) bis(2-Chloroethyl)ether	7.572	93	147020	41.006	ng	100
12) 1,3-Dichlorobenzene	8.048	146	160809	40.379	ng	100
13) 1,4-Dichlorobenzene	8.195	146	162751	40.491	ng	100
14) 1,2-Dichlorobenzene	8.518	146	151631	39.794	ng	100
15) Benzyl Alcohol	8.395	79	119365	38.350	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.688	45	229356	41.030	ng	100
17) 2-Methylphenol	8.588	107	119743	39.340	ng	100
18) Hexachloroethane	9.252	117	53426	37.959	ng	100
19) n-Nitroso-di-n-propyla...	8.965	70	118393	41.186	ng	100
20) 3+4-Methylphenols	8.923	107	159561	37.953	ng	100
22) Acetophenone	8.988	105	220582	40.380	ng	100
24) Nitrobenzene	9.376	77	163164	40.967	ng	100
25) Isophorone	9.899	82	303823	40.345	ng	100
26) 2-Nitrophenol	10.087	139	43309	30.940	ng	100
27) 2,4-Dimethylphenol	10.134	122	111041	37.097	ng	100
28) bis(2-Chloroethoxy)met...	10.375	93	176790	40.871	ng	100
29) 2,4-Dichlorophenol	10.621	162	121300	37.875	ng	100
30) 1,2,4-Trichlorobenzene	10.839	180	152884	39.906	ng	100
31) Naphthalene	11.039	128	471719	40.536	ng	100
32) Benzoic acid	10.263	122	52527m	26.302	ng	
33) 4-Chloroaniline	11.138	127	190608	40.227	ng	100
34) Hexachlorobutadiene	11.315	225	96768	39.316	ng	100
35) Caprolactam	11.908	113	36048	34.590	ng	100
36) 4-Chloro-3-methylphenol	12.243	107	130139	38.179	ng	100
37) 2-Methylnaphthalene	12.631	142	326922	40.516	ng	100
38) 1-Methylnaphthalene	12.848	142	313987	39.992	ng	100
40) 1,2,4,5-Tetrachloroben...	12.989	216	167597	41.054	ng	100
41) Hexachlorocyclopentadiene	12.972	237	72078	33.369	ng	100
43) 2,4,6-Trichlorophenol	13.224	196	93820	36.639	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.295	196	105940	36.963	ng	100
46) 1,1'-Biphenyl	13.630	154	412628	41.578	ng	100
47) 2-Chloronaphthalene	13.671	162	311929	41.353	ng	100
48) 2-Nitroaniline	13.871	65	75243	36.026	ng	100
49) Acenaphthylene	14.517	152	511174	41.234	ng	100
50) Dimethylphthalate	14.241	163	380878	38.585	ng	100
51) 2,6-Dinitrotoluene	14.358	165	71759	38.376	ng	100
52) Acenaphthene	14.852	154	315798	40.446	ng	100
53) 3-Nitroaniline	14.693	138	83361	38.912	ng	100
54) 2,4-Dinitrophenol	14.887	184	23638	31.675	ng	100
55) Dibenzofuran	15.187	168	473792	40.673	ng	100
56) 4-Nitrophenol	14.975	139	58382	35.449	ng	100
57) 2,4-Dinitrotoluene	15.140	165	94546	37.675	ng	100
58) Fluorene	15.833	166	395465	40.602	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.404	232	92807	36.616	ng	100
60) Diethylphthalate	15.592	149	374667	38.485	ng	100
61) 4-Chlorophenyl-phenyle...	15.821	204	197404	40.973	ng	100
62) 4-Nitroaniline	15.851	138	89488	40.081	ng	100
63) Azobenzene	16.115	77	399574	42.627	ng	100
65) 4,6-Dinitro-2-methylph...	15.898	198	35220	32.123	ng	100
66) n-Nitrosodiphenylamine	16.033	169	339989	40.716	ng	100
67) 4-Bromophenyl-phenylether	16.720	248	113372	36.634	ng	100
68) Hexachlorobenzene	16.832	284	143385	39.815	ng	100
69) Atrazine	16.979	200	104295	39.332	ng	100
70) Pentachlorophenol	17.173	266	69334	35.312	ng	100
71) Phenanthrene	17.578	178	625907	40.301	ng	100
72) Anthracene	17.666	178	611158	40.384	ng	100
73) Carbazole	17.936	167	554577	40.300	ng	100
74) Di-n-butylphthalate	18.483	149	610402	37.568	ng	100
75) Fluoranthene	19.581	202	748030	39.891	ng	100
77) Benzidine	19.758	184	249218	49.264	ng	100
78) Pyrene	19.940	202	754834	42.595	ng	100
80) Butylbenzylphthalate	20.821	149	221765	34.856	ng	100
81) Benzo(a)anthracene	21.808	228	727892	41.707	ng	100
82) 3,3'-Dichlorobenzidine	21.720	252	230345	46.032	ng	100
83) Chrysene	21.879	228	687042	41.614	ng	100
84) Bis(2-ethylhexyl)phtha...	21.703	149	350310	37.466	ng	100
85) Di-n-octyl phthalate	22.972	149	569454	36.796	ng	100
87) Indeno(1,2,3-cd)pyrene	29.082	276	860863	41.033	ng	100
88) Benzo(b)fluoranthene	24.123	252	709925	41.085	ng	100
89) Benzo(k)fluoranthene	24.200	252	727232	41.840	ng	100
90) Benzo(a)pyrene	25.040	252	609394	41.524	ng	100
91) Dibenzo(a,h)anthracene	29.159	278	700993	40.608	ng	100
92) Benzo(g,h,i)perylene	30.292	276	691654	40.403	ng	100

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

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