Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
Data File : BG055255.D
Acq On : 24 Oct 2022 13:48
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 14:53:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 14:49:17 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	29939	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	138562	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	102781	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	239001	20.000	ng	0.00
76) Chrysene-d12	21.901	240	215260	20.000	ng	0.00
86) Perylene-d12	25.292	264	228642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	139137	83.612	ng	0.00
7) Phenol-d6	7.413	99	210346	82.954	ng	0.00
23) Nitrobenzene-d5	9.445	82	228369	79.568	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	97363	91.419	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	508107	78.964	ng	0.00
79) Terphenyl-d14	20.192	244	866417	74.997	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	33703	41.647	ng	100
3) Pyridine	4.028	79	108844	42.713	ng	100
4) n-Nitrosodimethylamine	3.934	42	45081	37.806	ng	100
6) Aniline	7.589	93	138581	42.156	ng	100
8) 2-Chlorophenol	7.830	128	82497	41.003	ng	100
9) Benzaldehyde	7.401	77	66322	37.626	ng	100
10) Phenol	7.442	94	116377	40.625	ng	100
11) bis(2-Chloroethyl)ether	7.677	93	86846	39.374	ng	100
12) 1,3-Dichlorobenzene	8.165	146	89273	40.904	ng	100
13) 1,4-Dichlorobenzene	8.312	146	90548	40.615	ng	100
14) 1,2-Dichlorobenzene	8.635	146	87750	41.308	ng	100
15) Benzyl Alcohol	8.505	79	88931	40.837	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.799	45	142927	35.955	ng	100
17) 2-Methylphenol	8.711	107	83450	42.084	ng	100
18) Hexachloroethane	9.369	117	32383	40.130	ng	100
19) n-Nitroso-di-n-propyla...	9.075	70	88448	40.669	ng	100
20) 3+4-Methylphenols	9.040	107	120949	43.396	ng	100
22) Acetophenone	9.099	105	149620	39.920	ng	100
24) Nitrobenzene	9.487	77	119334	38.884	ng	100
25) Isophorone	10.009	82	235734	40.145	ng	100
26) 2-Nitrophenol	10.203	139	53095	43.980	ng	100
27) 2,4-Dimethylphenol	10.250	122	80896	42.078	ng	100
28) bis(2-Chloroethoxy)met...	10.485	93	117967	41.807	ng	100
29) 2,4-Dichlorophenol	10.744	162	88552	43.140	ng	100
30) 1,2,4-Trichlorobenzene	10.961	180	88666	42.189	ng	100
31) Naphthalene	11.155	128	312004	42.673	ng	100
32) Benzoic acid	10.391	122	61378m	44.601	ng	
33) 4-Chloroaniline	11.255	127	137237	45.582	ng	100
34) Hexachlorobutadiene	11.431	225	49869	39.296	ng	100
35) Caprolactam	12.025	113	42698	47.334	ng	100
36) 4-Chloro-3-methylphenol	12.354	107	114752	42.994	ng	100
37) 2-Methylnaphthalene	12.736	142	227578	40.921	ng	100
38) 1-Methylnaphthalene	12.953	142	224206	40.837	ng	100
40) 1,2,4,5-Tetrachloroben...	13.100	216	100921	41.774	ng	100
41) Hexachlorocyclopentadiene	13.076	237	45139	41.028	ng	100
43) 2,4,6-Trichlorophenol	13.329	196	76554	41.634	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.406	196	87229	43.241	ng	100
46) 1,1'-Biphenyl	13.729	154	290783	39.955	ng	100
47) 2-Chloronaphthalene	13.776	162	227953	40.684	ng	100
48) 2-Nitroaniline	13.970	65	92874	40.845	ng	100
49) Acenaphthylene	14.616	152	399287	41.657	ng	100
50) Dimethylphthalate	14.328	163	337161	41.704	ng	100
51) 2,6-Dinitrotoluene	14.451	165	70497	43.458	ng	100
52) Acenaphthene	14.951	154	256912	42.097	ng	100
53) 3-Nitroaniline	14.786	138	88787	43.939	ng	100
54) 2,4-Dinitrophenol	14.992	184	36321	44.413	ng	100
55) Dibenzofuran	15.280	168	382621	43.527	ng	100
56) 4-Nitrophenol	15.080	139	66030	46.474	ng	100
57) 2,4-Dinitrotoluene	15.233	165	102153	45.036	ng	100
58) Fluorene	15.926	166	317855	42.936	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.503	232	77843	44.312	ng	100
60) Diethylphthalate	15.679	149	359870	42.549	ng	100
61) 4-Chlorophenyl-phenyle...	15.908	204	146913	42.757	ng	100
62) 4-Nitroaniline	15.938	138	91671	44.724	ng	100
63) Azobenzene	16.202	77	350302	40.980	ng	100
65) 4,6-Dinitro-2-methylph...	15.997	198	57890	45.345	ng	100
66) n-Nitrosodiphenylamine	16.120	169	280431	42.042	ng	100
67) 4-Bromophenyl-phenylether	16.802	248	99245	42.603	ng	100
68) Hexachlorobenzene	16.925	284	109519	42.957	ng	100
69) Atrazine	17.054	200	95804	43.577	ng	100
70) Pentachlorophenol	17.266	266	59130	42.974	ng	100
71) Phenanthrene	17.665	178	535453	41.985	ng	100
72) Anthracene	17.753	178	531334	42.634	ng	100
73) Carbazole	18.018	167	500236	43.587	ng	100
74) Di-n-butylphthalate	18.547	149	622016	41.553	ng	100
75) Fluoranthene	19.651	202	612542	43.359	ng	100
77) Benzidine	19.822	184	235463	43.015	ng	100
78) Pyrene	20.010	202	624031	38.473	ng	100
80) Butylbenzylphthalate	20.867	149	283588	37.406	ng	100
81) Benzo(a)anthracene	21.878	228	587245	42.058	ng	100
82) 3,3'-Dichlorobenzidine	21.784	252	196138	40.910	ng	100
83) Chrysene	21.948	228	559365	43.018	ng	100
84) Bis(2-ethylhexyl)phtha...	21.749	149	404355	40.763	ng	100
85) Di-n-octyl phthalate	23.018	149	682800	46.168	ng	100
87) Indeno(1,2,3-cd)pyrene	29.216	276	702001	44.144	ng	100
88) Benzo(b)fluoranthene	24.211	252	568643	41.881	ng	100
89) Benzo(k)fluoranthene	24.281	252	577297	41.983	ng	100
90) Benzo(a)pyrene	25.133	252	490730	42.109	ng	100
91) Dibenzo(a,h)anthracene	29.275	278	573153	43.993	ng	100
92) Benzo(g,h,i)perylene	30.433	276	568756	45.065	ng	100

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

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