Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
Data File : BG052619.D
Acq On : 9 Mar 2022 19:41
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 02:58:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 02:54:10 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.176	152	29974	20.000	ng	0.00
21) Naphthalene-d8	11.013	136	115554	20.000	ng	0.00
39) Acenaphthene-d10	14.826	164	81731	20.000	ng	0.00
64) Phenanthrene-d10	17.575	188	193817	20.000	ng	0.00
76) Chrysene-d12	21.887	240	190755	20.000	ng	0.00
86) Perylene-d12	25.306	264	203268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	138710	78.842	ng	0.00
7) Phenol-d6	7.324	99	200589	81.140	ng	0.00
23) Nitrobenzene-d5	9.345	82	207640	81.919	ng	0.00
42) 2,4,6-Tribromophenol	16.318	330	97093	82.659	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	483802	81.624	ng	0.00
79) Terphenyl-d14	20.172	244	865081	81.212	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.518	88	30994	38.878	ng	100
3) Pyridine	3.935	79	85713	39.791	ng	100
4) n-Nitrosodimethylamine	3.841	42	40732	39.654	ng	100
6) Aniline	7.483	93	115622	40.336	ng	100
8) 2-Chlorophenol	7.735	128	73618	39.855	ng	100
9) Benzaldehyde	7.295	77	55928	37.717	ng	100
10) Phenol	7.354	94	98266	39.889	ng	100
11) bis(2-Chloroethyl)ether	7.577	93	75872	39.913	ng	100
12) 1,3-Dichlorobenzene	8.064	146	85757	39.420	ng	100
13) 1,4-Dichlorobenzene	8.211	146	87767	40.042	ng	100
14) 1,2-Dichlorobenzene	8.534	146	85111	39.862	ng	100
15) Benzyl Alcohol	8.411	79	78388	40.679	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.699	45	101587	39.653	ng	100
17) 2-Methylphenol	8.617	107	65951	40.344	ng	100
18) Hexachloroethane	9.275	117	29601	38.364	ng	100
19) n-Nitroso-di-n-propyla...	8.981	70	67238	39.947	ng	100
20) 3+4-Methylphenols	8.946	107	92050	41.196	ng	100
22) Acetophenone	8.998	105	119158	39.989	ng	100
24) Nitrobenzene	9.392	77	97588	40.702	ng	100
25) Isophorone	9.915	82	175273	40.998	ng	100
26) 2-Nitrophenol	10.109	139	44134	41.164	ng	100
27) 2,4-Dimethylphenol	10.167	122	64956	41.977	ng	100
28) bis(2-Chloroethoxy)met...	10.397	93	104256	40.624	ng	100
29) 2,4-Dichlorophenol	10.655	162	78074	42.708	ng	100
30) 1,2,4-Trichlorobenzene	10.872	180	90847	40.585	ng	100
31) Naphthalene	11.060	128	246216	40.615	ng	100
32) Benzoic acid	10.326	122	23692m	37.712	ng	
33) 4-Chloroaniline	11.166	127	101211	41.257	ng	100
34) Hexachlorobutadiene	11.348	225	60310	39.409	ng	100
35) Caprolactam	11.930	113	25685m	39.521	ng	
36) 4-Chloro-3-methylphenol	12.288	107	83284	40.902	ng	100
37) 2-Methylnaphthalene	12.658	142	180080	40.739	ng	100
38) 1-Methylnaphthalene	12.881	142	175980	40.859	ng	100
40) 1,2,4,5-Tetrachloroben...	13.028	216	107387	39.606	ng	100
41) Hexachlorocyclopentadiene	13.011	237	51697	50.434	ng	100
43) 2,4,6-Trichlorophenol	13.263	196	70418	41.660	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	75114	41.150	ng	100
46) 1,1'-Biphenyl	13.657	154	249004	41.337	ng	100
47) 2-Chloronaphthalene	13.704	162	190514	40.824	ng	100
48) 2-Nitroaniline	13.904	65	63304	41.282	ng	100
49) Acenaphthylene	14.550	152	304895	40.639	ng	100
50) Dimethylphthalate	14.268	163	249785	39.683	ng	100
51) 2,6-Dinitrotoluene	14.391	165	53510	39.165	ng	100
52) Acenaphthene	14.890	154	183686	37.694	ng	100
53) 3-Nitroaniline	14.726	138	58400	40.484	ng	100
54) 2,4-Dinitrophenol	14.937	184	28058	41.146	ng	100
55) Dibenzofuran	15.225	168	309741	40.211	ng	100
56) 4-Nitrophenol	15.037	139	42465	43.291	ng	100
57) 2,4-Dinitrotoluene	15.178	165	77140	39.918	ng	100
58) Fluorene	15.871	166	251981	40.429	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.449	232	70982	40.672	ng	100
60) Diethylphthalate	15.625	149	251246	39.118	ng	100
61) 4-Chlorophenyl-phenyle...	15.854	204	140360	40.139	ng	100
62) 4-Nitroaniline	15.889	138	60438	40.193	ng	100
63) Azobenzene	16.148	77	247296	39.441	ng	100
65) 4,6-Dinitro-2-methylph...	15.948	198	51901	43.832	ng	100
66) n-Nitrosodiphenylamine	16.071	169	223561	41.532	ng	100
67) 4-Bromophenyl-phenylether	16.753	248	95309	40.689	ng	100
68) Hexachlorobenzene	16.888	284	101939	40.254	ng	100
69) Atrazine	17.011	200	83432	40.671	ng	100
70) Pentachlorophenol	17.229	266	51153	43.449	ng	100
71) Phenanthrene	17.616	178	409272	40.628	ng	100
72) Anthracene	17.710	178	405631	40.800	ng	100
73) Carbazole	17.975	167	390505	39.953	ng	100
74) Di-n-butylphthalate	18.521	149	436454	40.073	ng	100
75) Fluoranthene	19.625	202	515936	39.728	ng	100
77) Benzidine	19.796	184	174122	42.689	ng	100
78) Pyrene	19.984	202	511011	40.671	ng	100
80) Butylbenzylphthalate	20.853	149	192239	41.224	ng	100
81) Benzo(a)anthracene	21.863	228	521514	41.098	ng	100
82) 3,3'-Dichlorobenzidine	21.764	252	186559	41.489	ng	100
83) Chrysene	21.934	228	484056	40.188	ng	100
84) Bis(2-ethylhexyl)phtha...	21.740	149	268527	41.296	ng	100
85) Di-n-octyl phthalate	23.021	149	448986	41.399	ng	100
87) Indeno(1,2,3-cd)pyrene	29.259	276	591295	39.849	ng	100
88) Benzo(b)fluoranthene	24.213	252	509584	39.993	ng	100
89) Benzo(k)fluoranthene	24.290	252	504811	39.881	ng	100
90) Benzo(a)pyrene	25.147	252	431589	40.265	ng	100
91) Dibenzo(a,h)anthracene	29.312	278	487763	39.898	ng	100
92) Benzo(g,h,i)perylene	30.499	276	480412	39.867	ng	100

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

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