Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
Data File : BG055643.D
Acq On : 16 Nov 2022 12:05
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 16 15:42:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:38:40 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.255	152	34130	20.000	ng		0.00
21) Naphthalene-d8	11.081	136	138851	20.000	ng		0.00
39) Acenaphthene-d10	14.877	164	99175	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	248570	20.000	ng		0.00
76) Chrysene-d12	21.916	240	265904	20.000	ng		0.00
86) Perylene-d12	25.329	264	282135	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.776	112	38109	21.217	ng		0.00
7) Phenol-d6	7.386	99	50084	20.247	ng		0.00
23) Nitrobenzene-d5	9.424	82	53005	25.221	ng		0.00
42) 2,4,6-Tribromophenol	16.351	330	28213	27.598	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	138933	21.063	ng		0.00
79) Terphenyl-d14	20.200	244	283563	21.327	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.619	88	8071	9.039	ng		98
3) Pyridine	4.036	79	24759	9.848	ng		91
4) n-Nitrosodimethylamine	3.942	42	13201	9.643	ng		96
6) Aniline	7.568	93	31802	9.718	ng		98
8) 2-Chlorophenol	7.809	128	22380	11.063	ng		99
9) Benzaldehyde	7.380	77	19949	10.389	ng		98
10) Phenol	7.415	94	28088	9.883	ng		96
11) bis(2-Chloroethyl)ether	7.656	93	22050	9.683	ng		98
12) 1,3-Dichlorobenzene	8.143	146	26138	10.427	ng		96
13) 1,4-Dichlorobenzene	8.290	146	26203	10.333	ng		98
14) 1,2-Dichlorobenzene	8.608	146	25124	10.413	ng		97
15) Benzyl Alcohol	8.484	79	19249	9.013	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.778	45	39124	9.019	ng		97
17) 2-Methylphenol	8.684	107	19730	9.855	ng		94
18) Hexachloroethane	9.348	117	8930	10.538	ng		93
19) n-Nitroso-di-n-propyla...	9.054	70	19563	9.628	ng		97
20) 3+4-Methylphenols	9.007	107	27526	9.873	ng		97
22) Acetophenone	9.078	105	36070	9.752	ng	#	98
24) Nitrobenzene	9.465	77	27069	11.320	ng		97
25) Isophorone	9.988	82	47748	9.157	ng		99
26) 2-Nitrophenol	10.182	139	11593	15.392	ng		94
27) 2,4-Dimethylphenol	10.229	122	18652	9.934	ng		99
28) bis(2-Chloroethoxy)met...	10.464	93	26472	9.434	ng		98
29) 2,4-Dichlorophenol	10.717	162	22068	10.576	ng		98
30) 1,2,4-Trichlorobenzene	10.940	180	27233	10.528	ng		100
31) Naphthalene	11.134	128	75282	10.008	ng		98
32) Benzoic acid	10.300	122	12992m	11.344	ng		
33) 4-Chloroaniline	11.228	127	30120	9.579	ng		97
34) Hexachlorobutadiene	11.410	225	18385	10.603	ng		97
35) Caprolactam	11.968	113	8012	11.205	ng		97
36) 4-Chloro-3-methylphenol	12.327	107	24554	10.072	ng		94
37) 2-Methylnaphthalene	12.720	142	56297	9.936	ng		99
38) 1-Methylnaphthalene	12.938	142	54708	9.877	ng		97
40) 1,2,4,5-Tetrachloroben...	13.079	216	31325	10.509	ng		99
41) Hexachlorocyclopentadiene	13.061	237	13906	10.595	ng		98
43) 2,4,6-Trichlorophenol	13.314	196	20982	11.735	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	22960	11.267	ng		95
46) 1,1'-Biphenyl	13.708	154	74341	10.234	ng		99
47) 2-Chloronaphthalene	13.760	162	56659	10.074	ng		96
48) 2-Nitroaniline	13.948	65	17355	13.852	ng		95
49) Acenaphthylene	14.601	152	94500	10.157	ng		96
50) Dimethylphthalate	14.313	163	81956	10.806	ng		98
51) 2,6-Dinitrotoluene	14.436	165	15456	13.355	ng		96
52) Acenaphthene	14.935	154	59741	10.223	ng		96
53) 3-Nitroaniline	14.765	138	17216	11.920	ng		93
54) 2,4-Dinitrophenol	14.971	184	7304	13.193	ng		93
55) Dibenzofuran	15.270	168	96416	10.367	ng		99
56) 4-Nitrophenol	15.053	139	13253	11.265	ng		90
57) 2,4-Dinitrotoluene	15.217	165	21621	14.051	ng	#	97
58) Fluorene	15.917	166	77423	10.447	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.488	232	21761	11.467	ng		98
60) Diethylphthalate	15.664	149	83237	10.797	ng		98
61) 4-Chlorophenyl-phenyle...	15.899	204	41646	10.526	ng		97
62) 4-Nitroaniline	15.923	138	18812	12.220	ng		95
63) Azobenzene	16.193	77	71220	9.618	ng		99
65) 4,6-Dinitro-2-methylph...	15.975	198	11667	13.262	ng		99
66) n-Nitrosodiphenylamine	16.111	169	68244	9.836	ng		99
67) 4-Bromophenyl-phenylether	16.798	248	27613	10.713	ng		99
68) Hexachlorobenzene	16.916	284	31378	10.360	ng		97
69) Atrazine	17.051	200	29455	11.662	ng		100
70) Pentachlorophenol	17.262	266	17473	10.234	ng		94
71) Phenanthrene	17.656	178	138445	10.352	ng		97
72) Anthracene	17.750	178	135242	10.345	ng		98
73) Carbazole	18.014	167	121737	10.303	ng		99
74) Di-n-butylphthalate	18.555	149	154853	11.388	ng		99
75) Fluoranthene	19.653	202	176300	11.029	ng		98
77) Benzidine	19.824	184	61667	8.770	ng		98
78) Pyrene	20.012	202	182072	10.081	ng		98
80) Butylbenzylphthalate	20.887	149	69531	11.393	ng		93
81) Benzo(a)anthracene	21.892	228	186776	10.238	ng		98
82) 3,3'-Dichlorobenzidine	21.798	252	65788	10.957	ng		98
83) Chrysene	21.963	228	178806	10.298	ng		98
84) Bis(2-ethylhexyl)phtha...	21.775	149	100623	11.015	ng		100
85) Di-n-octyl phthalate	23.049	149	169595	10.650	ng		99
87) Indeno(1,2,3-cd)pyrene	29.230	276	232858	10.725	ng		99
88) Benzo(b)fluoranthene	24.230	252	183594	10.196	ng		99
89) Benzo(k)fluoranthene	24.301	252	187606	10.241	ng		99
90) Benzo(a)pyrene	25.153	252	158312	10.228	ng		99
91) Dibenzo(a,h)anthracene	29.313	278	191734	10.695	ng		99
92) Benzo(g,h,i)perylene	30.470	276	192573	10.935	ng		99

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

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