Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055692.D
Acq On : 18 Nov 2022 16:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 23:56:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	36968	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	154873	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	118624	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	292267	20.000	ng	0.00
76) Chrysene-d12	21.920	240	265478	20.000	ng	0.00
86) Perylene-d12	25.339	264	285451	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	165726	81.030	ng	0.00
7) Phenol-d6	7.395	99	226164	83.071	ng	0.00
23) Nitrobenzene-d5	9.428	82	242369	82.715	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	144040	86.232	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	620281	78.337	ng	0.00
79) Terphenyl-d14	20.204	244	1063933	80.157	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.612	88	33717	38.576	ng	98
3) Pyridine	4.029	79	109094	40.686	ng	98
4) n-Nitrosodimethylamine	3.935	42	59172	41.682	ng	91
6) Aniline	7.566	93	140642	41.128	ng	98
8) 2-Chlorophenol	7.813	128	96343	41.206	ng	97
9) Benzaldehyde	7.378	77	74653	40.376	ng	97
10) Phenol	7.425	94	128171	42.045	ng	98
11) bis(2-Chloroethyl)ether	7.660	93	93426	39.991	ng	99
12) 1,3-Dichlorobenzene	8.142	146	108860	39.601	ng	98
13) 1,4-Dichlorobenzene	8.289	146	109741	39.507	ng	99
14) 1,2-Dichlorobenzene	8.612	146	105921	39.792	ng	98
15) Benzyl Alcohol	8.488	79	99979	45.185	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.776	45	171946	40.658	ng	99
17) 2-Methylphenol	8.688	107	90615	41.869	ng	98
18) Hexachloroethane	9.346	117	38737	40.517	ng	99
19) n-Nitroso-di-n-propyla...	9.058	70	88405	42.262	ng	100
20) 3+4-Methylphenols	9.023	107	131263	43.417	ng	99
22) Acetophenone	9.082	105	162827	40.460	ng	98
24) Nitrobenzene	9.470	77	124615	40.716	ng	100
25) Isophorone	9.992	82	231532	41.703	ng	98
26) 2-Nitrophenol	10.180	139	61950	43.846	ng	94
27) 2,4-Dimethylphenol	10.233	122	91090m	42.361	ng	
28) bis(2-Chloroethoxy)met...	10.468	93	121916	40.904	ng	97
29) 2,4-Dichlorophenol	10.721	162	110689	43.006	ng	98
30) 1,2,4-Trichlorobenzene	10.938	180	121279	40.559	ng	99
31) Naphthalene	11.132	128	337339	40.293	ng	99
32) Benzoic acid	10.368	122	73777	41.701	ng	96
33) 4-Chloroaniline	11.232	127	144750	41.912	ng	99
34) Hexachlorobutadiene	11.408	225	82254	40.285	ng	96
35) Caprolactam	12.014	113	38396	43.109	ng	98
36) 4-Chloro-3-methylphenol	12.337	107	122473	43.294	ng	96
37) 2-Methylnaphthalene	12.719	142	259741	41.435	ng	99
38) 1-Methylnaphthalene	12.936	142	251825	41.381	ng	99
40) 1,2,4,5-Tetrachloroben...	13.083	216	147990	39.699	ng	100
41) Hexachlorocyclopentadiene	13.059	237	72651	38.668	ng	99
43) 2,4,6-Trichlorophenol	13.318	196	105952	41.666	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	118350	42.352	ng		98
46) 1,1'-Biphenyl	13.712	154	339511	39.276	ng		99
47) 2-Chloronaphthalene	13.764	162	266603	39.679	ng		99
48) 2-Nitroaniline	13.958	65	94453	42.758	ng		92
49) Acenaphthylene	14.605	152	447014	40.402	ng		99
50) Dimethylphthalate	14.317	163	386194	40.840	ng		100
51) 2,6-Dinitrotoluene	14.446	165	82968	42.911	ng		96
52) Acenaphthene	14.940	154	296819m	41.047	ng		
53) 3-Nitroaniline	14.775	138	90243	42.517	ng		99
54) 2,4-Dinitrophenol	14.981	184	50147	45.109	ng		98
55) Dibenzofuran	15.269	168	450240	40.361	ng		99
56) 4-Nitrophenol	15.075	139	70150	42.110	ng		96
57) 2,4-Dinitrotoluene	15.227	165	119142	43.705	ng		96
58) Fluorene	15.921	166	363440	40.791	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.498	232	115070	42.497	ng		99
60) Diethylphthalate	15.668	149	392305	41.034	ng		99
61) 4-Chlorophenyl-phenyle...	15.903	204	199514	40.737	ng		98
62) 4-Nitroaniline	15.938	138	94094	42.409	ng		99
63) Azobenzene	16.197	77	338662	40.574	ng		99
65) 4,6-Dinitro-2-methylph...	15.991	198	75041	45.981	ng		96
66) n-Nitrosodiphenylamine	16.115	169	323269	40.135	ng		100
67) 4-Bromophenyl-phenylether	16.796	248	135366	40.650	ng		98
68) Hexachlorobenzene	16.925	284	149443	40.472	ng		96
69) Atrazine	17.055	200	126352	39.664	ng		98
70) Pentachlorophenol	17.266	266	95015	42.064	ng		100
71) Phenanthrene	17.660	178	622376	39.461	ng		98
72) Anthracene	17.754	178	612563	39.973	ng		99
73) Carbazole	18.018	167	546316	39.656	ng		100
74) Di-n-butylphthalate	18.553	149	666128	38.941	ng		99
75) Fluoranthene	19.658	202	723574	37.710	ng		99
77) Benzidine	19.828	184	257583	41.940	ng		98
78) Pyrene	20.022	202	726781	40.445	ng		99
80) Butylbenzylphthalate	20.886	149	284513	40.444	ng		99
81) Benzo(a)anthracene	21.896	228	728694	39.852	ng		99
82) 3,3'-Dichlorobenzidine	21.802	252	263657	41.036	ng		97
83) Chrysene	21.967	228	693614	39.846	ng		99
84) Bis(2-ethylhexyl)phtha...	21.773	149	403458	39.907	ng		98
85) Di-n-octyl phthalate	23.048	149	692112	40.003	ng		99
87) Indeno(1,2,3-cd)pyrene	29.270	276	874496	37.396	ng	#	94
88) Benzo(b)fluoranthene	24.246	252	725917	39.049	ng		100
89) Benzo(k)fluoranthene	24.317	252	715590	38.616	ng		99
90) Benzo(a)pyrene	25.175	252	616082	38.619	ng		99
91) Dibenzo(a,h)anthracene	29.346	278	724672	37.922	ng		98
92) Benzo(g,h,i)perylene	30.515	276	706091	36.661	ng		99

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

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