Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
Data File : BG056634.D
Acq On : 15 Feb 2023 15:02
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 16 01:21:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:15:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.440	152	15179	20.000	ng		0.00
21) Naphthalene-d8	11.284	136	64155	20.000	ng	#	0.00
39) Acenaphthene-d10	15.044	164	51525	20.000	ng		0.00
64) Phenanthrene-d10	17.782	188	135372	20.000	ng		0.00
76) Chrysene-d12	22.100	240	134515	20.000	ng		0.00
86) Perylene-d12	25.649	264	150459	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.943	112	8337	8.937	ng		0.00
7) Phenol-d6	7.553	99	13008	9.439	ng		0.00
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	16.519	330	5519	7.823	ng		0.00
45) 2-Fluorobiphenyl	13.675	172	36670	9.530	ng		0.00
79) Terphenyl-d14	20.349	244	78570	9.557	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.757	88	2198	5.374	ng		88
3) Pyridine	4.180	79	6037	4.666	ng		97
4) n-Nitrosodimethylamine	4.086	42	2779	4.608	ng	#	85
6) Aniline	7.747	93	9230	4.819	ng		93
8) 2-Chlorophenol	7.993	128	4367	4.731	ng		88
9) Benzaldehyde	7.559	77	4309	5.913	ng		83
10) Phenol	7.582	94	6568	4.659	ng		90
11) bis(2-Chloroethyl)ether	7.835	93	5326	5.036	ng		89
12) 1,3-Dichlorobenzene	8.322	146	5696	5.179	ng		91
13) 1,4-Dichlorobenzene	8.475	146	5609	5.064	ng		94
14) 1,2-Dichlorobenzene	8.798	146	5487	5.154	ng		95
15) Benzyl Alcohol	8.663	79	5436	4.406	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.957	45	7213	5.078	ng		90
17) 2-Methylphenol	8.863	107	4811	4.857	ng		84
18) Hexachloroethane	9.544	117	1466	4.179	ng		96
19) n-Nitroso-di-n-propyla...	9.239	70	5057	4.902	ng	#	96
20) 3+4-Methylphenols	9.186	107	6127	4.502	ng		97
22) Acetophenone	9.262	105	9466	4.829	ng	#	95
24) Nitrobenzene	9.650	77	4615	5.673	ng	#	92
25) Isophorone	10.179	82	14211	4.660	ng		100
26) 2-Nitrophenol	10.373	139	2135	4.138	ng	#	80
27) 2,4-Dimethylphenol	10.408	122	5879m	4.987	ng		
28) bis(2-Chloroethoxy)met...	10.655	93	7250	4.665	ng	#	88
29) 2,4-Dichlorophenol	10.908	162	5127	4.388	ng		79
30) 1,2,4-Trichlorobenzene	11.131	180	6874	4.938	ng	#	96
31) Naphthalene	11.331	128	17052	4.796	ng		98
33) 4-Chloroaniline	11.419	127	7380	4.543	ng		97
34) Hexachlorobutadiene	11.607	225	4780	4.805	ng		99
35) Caprolactam	12.147	113	1597	4.249	ng	#	87
36) 4-Chloro-3-methylphenol	12.494	107	5330	4.136	ng	#	90
37) 2-Methylnaphthalene	12.899	142	13776	4.907	ng		96
38) 1-Methylnaphthalene	13.117	142	12671	4.837	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.258	216	8675	4.529	ng		99
41) Hexachlorocyclopentadiene	13.240	237	4331	4.169	ng		98
43) 2,4,6-Trichlorophenol	13.481	196	4575	3.937	ng		87
44) 2,4,5-Trichlorophenol	13.551	196	5753	4.130	ng	#	94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.886	154	18627	4.772	ng		96
47)	2-Chloronaphthalene	13.933	162	14770	4.782	ng		98
48)	2-Nitroaniline	14.116	65	2185	7.410	ng		85
49)	Acenaphthylene	14.768	152	24029	4.788	ng		97
50)	Dimethylphthalate	14.480	163	18561	4.358	ng		98
51)	2,6-Dinitrotoluene	14.597	165	2644	5.635	ng	#	72
52)	Acenaphthene	15.108	154	14385	4.647	ng		95
53)	3-Nitroaniline	14.926	138	3491	4.222	ng	#	64
54)	2,4-Dinitrophenol	15.120	184	2036	4.138	ng	#	1
55)	Dibenzofuran	15.438	168	24560	4.696	ng		95
56)	4-Nitrophenol	15.197	139	2497	3.942	ng	#	58
57)	2,4-Dinitrotoluene	15.373	165	4317	4.156	ng	#	85
58)	Fluorene	16.078	166	20561	4.972	ng		94
59)	2,3,4,6-Tetrachlorophenol	15.649	232	4884	3.996	ng	#	98
60)	Diethylphthalate	15.825	149	18982	4.418	ng		97
61)	4-Chlorophenyl-phenyle...	16.066	204	11981	4.743	ng		97
62)	4-Nitroaniline	16.078	138	3642	4.227	ng	#	68
63)	Azobenzene	16.354	77	21286	4.950	ng		95
65)	4,6-Dinitro-2-methylph...	16.131	198	3022	4.323	ng		94
66)	n-Nitrosodiphenylamine	16.272	169	19366	4.918	ng		99
67)	4-Bromophenyl-phenylether	16.959	248	8121	4.672	ng		93
68)	Hexachlorobenzene	17.083	284	8451	4.773	ng		94
69)	Atrazine	17.206	200	6700	4.431	ng		95
70)	Pentachlorophenol	17.418	266	4603	3.925	ng	#	85
71)	Phenanthrene	17.823	178	34671	4.708	ng		100
72)	Anthracene	17.911	178	36293	4.816	ng		99
73)	Carbazole	18.170	167	31743	4.886	ng		96
74)	Di-n-butylphthalate	18.710	149	30724	4.226	ng		98
75)	Fluoranthene	19.803	202	47750	4.914	ng		100
77)	Benzidine	19.967	184	14915	4.636	ng		99
78)	Pyrene	20.161	202	48561	4.780	ng		98
80)	Butylbenzylphthalate	21.037	149	11929	3.910	ng	#	83
81)	Benzo(a)anthracene	22.077	228	48582	4.856	ng		99
82)	3,3'-Dichlorobenzidine	21.971	252	14468	4.458	ng		91
83)	Chrysene	22.147	228	44848	4.796	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.959	149	18232	3.988	ng		97
85)	Di-n-octyl phthalate	23.287	149	29553	3.890	ng	#	96
87)	Indeno(1,2,3-cd)pyrene	29.727	276	53389	4.531	ng	#	57
88)	Benzo(b)fluoranthene	24.503	252	45195	4.598	ng		97
89)	Benzo(k)fluoranthene	24.580	252	46112m	4.770	ng		
90)	Benzo(a)pyrene	25.473	252	43217	4.574	ng		97
91)	Dibenzo(a,h)anthracene	29.815	278	44920	4.603	ng	#	92
92)	Benzo(g,h,i)perylene	31.007	276	44059	4.620	ng	#	98

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

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