Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091922\
Data File : BG054975.D
Acq On : 19 Sep 2022 16:19
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 19 16:52:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 16:02:38 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.065	152	37784	20.000	ng		0.00
21) Naphthalene-d8	10.891	136	139596	20.000	ng	#	0.00
39) Acenaphthene-d10	14.710	164	99611	20.000	ng		0.00
64) Phenanthrene-d10	17.454	188	235515	20.000	ng		0.00
76) Chrysene-d12	21.737	240	223784	20.000	ng		0.00
86) Perylene-d12	25.039	264	245723	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.603	112	293537	135.283	ng		0.00
7) Phenol-d6	7.230	99	393544	132.623	ng		0.00
23) Nitrobenzene-d5	9.246	82	388452	146.081	ng		0.00
42) 2,4,6-Tribromophenol	16.202	330	195011	156.673	ng		0.00
45) 2-Fluorobiphenyl	13.329	172	960157	144.877	ng		0.00
79) Terphenyl-d14	20.056	244	1530194	135.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	70399	67.946	ng		88
3) Pyridine	3.828	79	200034m	69.218	ng		
4) n-Nitrosodimethylamine	3.746	42	72879	58.338	ng		82
6) Aniline	7.389	93	243709	69.125	ng		94
8) 2-Chlorophenol	7.630	128	171232	72.231	ng		96
9) Benzaldehyde	7.195	77	102247	52.573	ng		92
10) Phenol	7.260	94	212229	69.546	ng		94
11) bis(2-Chloroethyl)ether	7.477	93	166362	67.784	ng		94
12) 1,3-Dichlorobenzene	7.953	146	198381	72.313	ng		96
13) 1,4-Dichlorobenzene	8.100	146	201570	72.843	ng		98
14) 1,2-Dichlorobenzene	8.423	146	188277	71.755	ng		98
15) Benzyl Alcohol	8.305	79	148742	69.384	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.588	45	204666	53.294	ng		94
17) 2-Methylphenol	8.517	107	152046	72.366	ng		97
18) Hexachloroethane	9.152	117	70083	69.843	ng		93
19) n-Nitroso-di-n-propyla...	8.875	70	134880	66.099	ng	#	90
20) 3+4-Methylphenols	8.846	107	213164	73.164	ng		95
22) Acetophenone	8.899	105	259337	74.257	ng		95
24) Nitrobenzene	9.287	77	193889	72.340	ng		94
25) Isophorone	9.804	82	367216	74.062	ng		99
26) 2-Nitrophenol	9.998	139	106187	89.690	ng		97
27) 2,4-Dimethylphenol	10.051	122	145795	77.722	ng		97
28) bis(2-Chloroethoxy)met...	10.286	93	206771	73.185	ng		99
29) 2,4-Dichlorophenol	10.544	162	176970	82.943	ng		98
30) 1,2,4-Trichlorobenzene	10.750	180	196942	80.771	ng		97
31) Naphthalene	10.944	128	571309	76.280	ng		100
32) Benzoic acid	10.338	122	29300m	24.772	ng		
33) 4-Chloroaniline	11.055	127	243177	79.642	ng		96
34) Hexachlorobutadiene	11.208	225	129922	83.165	ng		99
35) Caprolactam	11.854	113	63833	84.801	ng	#	78
36) 4-Chloro-3-methylphenol	12.177	107	186719	80.027	ng		100
37) 2-Methylnaphthalene	12.542	142	413871	78.842	ng		99
38) 1-Methylnaphthalene	12.759	142	397539	77.838	ng		100
40) 1,2,4,5-Tetrachloroben...	12.906	216	232670	77.487	ng		98
41) Hexachlorocyclopentadiene	12.877	237	36490	22.915	ng		96
43) 2,4,6-Trichlorophenol	13.147	196	143805	72.153	ng		99

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44)	2,4,5-Trichlorophenol	13.229	196	163378	72.993	ng		98
46)	1,1'-Biphenyl	13.541	154	526131	71.126	ng		99
47)	2-Chloronaphthalene	13.593	162	413322	73.573	ng		98
48)	2-Nitroaniline	13.799	65	128078	72.747	ng		90
49)	Acenaphthylene	14.434	152	686622	74.066	ng		99
50)	Dimethylphthalate	14.163	163	576834	75.166	ng		99
51)	2,6-Dinitrotoluene	14.287	165	128390	81.795	ng		85
52)	Acenaphthene	14.774	154	438352m	73.612	ng		
53)	3-Nitroaniline	14.622	138	140550	79.988	ng		91
54)	2,4-Dinitrophenol	14.839	184	45167	60.410	ng		97
55)	Dibenzofuran	15.103	168	657837	75.180	ng		99
56)	4-Nitrophenol	14.939	139	84904	62.439	ng		91
57)	2,4-Dinitrotoluene	15.080	165	184394	84.930	ng	#	80
58)	Fluorene	15.756	166	555606	75.372	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.338	232	147345	73.027	ng		96
60)	Diethylphthalate	15.509	149	569737	74.348	ng		96
61)	4-Chlorophenyl-phenyle...	15.738	204	286328	78.738	ng		97
62)	4-Nitroaniline	15.791	138	143516	79.997	ng		92
63)	Azobenzene	16.032	77	484756	66.563	ng		93
65)	4,6-Dinitro-2-methylph...	15.844	198	101005	84.253	ng		92
66)	n-Nitrosodiphenylamine	15.955	169	499844	73.595	ng		99
67)	4-Bromophenyl-phenylether	16.637	248	209472	81.010	ng		94
68)	Hexachlorobenzene	16.754	284	235392	80.979	ng		96
69)	Atrazine	16.901	200	179141	74.764	ng		99
70)	Pentachlorophenol	17.113	266	64757	41.001	ng		100
71)	Phenanthrene	17.501	178	916001	73.011	ng		99
72)	Anthracene	17.589	178	887763	72.781	ng		99
73)	Carbazole	17.859	167	812473	72.295	ng		99
74)	Di-n-butylphthalate	18.394	149	980256	68.931	ng		99
75)	Fluoranthene	19.504	202	1114033	72.993	ng		98
77)	Benzidine	19.680	184	396523	71.538	ng		98
78)	Pyrene	19.868	202	1114435	71.419	ng		97
80)	Butylbenzylphthalate	20.732	149	454078	69.764	ng		95
81)	Benzo(a)anthracene	21.713	228	1116735	73.599	ng		97
82)	3,3'-Dichlorobenzidine	21.625	252	389818	73.276	ng		98
83)	Chrysene	21.784	228	1061440	73.164	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.590	149	654095	69.751	ng	#	97
85)	Di-n-octyl phthalate	22.818	149	1108697	69.716	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	28.870	276	1452700	77.874	ng	#	94
88)	Benzo(b)fluoranthene	23.987	252	1162658	75.427	ng		98
89)	Benzo(k)fluoranthene	24.058	252	1128456	72.742	ng		97
90)	Benzo(a)pyrene	24.892	252	989453	75.132	ng		98
91)	Dibenzo(a,h)anthracene	28.922	278	1190446	78.331	ng		98
92)	Benzo(g,h,i)perylene	30.074	276	1192460	77.668	ng		97

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

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