Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091922\
Data File : BG054971.D
Acq On : 19 Sep 2022 13:32
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 16:04:43 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 16:00:32 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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	8.062	152	33252	20.000	ng		0.00
21) Naphthalene-d8	10.888	136	133178	20.000	ng	#	0.00
39) Acenaphthene-d10	14.707	164	97289	20.000	ng		0.00
64) Phenanthrene-d10	17.457	188	234650	20.000	ng		0.00
76) Chrysene-d12	21.734	240	231996	20.000	ng		0.00
86) Perylene-d12	25.036	264	249639	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.600	112	70768	37.060	ng		0.00
7) Phenol-d6	7.222	99	96028	36.772	ng		0.00
23) Nitrobenzene-d5	9.237	82	94655	37.311	ng		0.00
42) 2,4,6-Tribromophenol	16.199	330	46225	38.024	ng		0.00
45) 2-Fluorobiphenyl	13.326	172	258372	39.916	ng		0.00
79) Terphenyl-d14	20.054	244	483155	41.264	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.414	88	16314	17.892	ng		90
3) Pyridine	3.831	79	46504	18.285	ng		90
4) n-Nitrosodimethylamine	3.743	42	17236	15.678	ng		85
6) Aniline	7.380	93	60187	19.398	ng		95
8) 2-Chlorophenol	7.627	128	42655	20.445	ng		93
9) Benzaldehyde	7.192	77	32179	18.801	ng		92
10) Phenol	7.251	94	52382	19.505	ng		93
11) bis(2-Chloroethyl)ether	7.474	93	40495	18.749	ng		93
12) 1,3-Dichlorobenzene	7.950	146	48975	20.285	ng		96
13) 1,4-Dichlorobenzene	8.097	146	50066	20.559	ng		98
14) 1,2-Dichlorobenzene	8.420	146	47718	20.665	ng		97
15) Benzyl Alcohol	8.303	79	35143	18.628	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.591	45	49984	14.789	ng		95
17) 2-Methylphenol	8.508	107	37227	20.133	ng		97
18) Hexachloroethane	9.149	117	17098	19.362	ng		93
19) n-Nitroso-di-n-propyla...	8.867	70	33507	18.658	ng	#	89
20) 3+4-Methylphenols	8.843	107	50809	19.816	ng		95
22) Acetophenone	8.890	105	65322	19.605	ng	#	94
24) Nitrobenzene	9.284	77	47762	18.679	ng		93
25) Isophorone	9.801	82	89364	18.892	ng		96
26) 2-Nitrophenol	9.995	139	24551	21.736	ng		98
27) 2,4-Dimethylphenol	10.048	122	35825	20.018	ng		93
28) bis(2-Chloroethoxy)met...	10.283	93	50841	18.862	ng		98
29) 2,4-Dichlorophenol	10.541	162	42571	20.914	ng		94
30) 1,2,4-Trichlorobenzene	10.747	180	48817	20.986	ng		98
31) Naphthalene	10.941	128	144348	20.202	ng		99
33) 4-Chloroaniline	11.052	127	59014	20.259	ng		95
34) Hexachlorobutadiene	11.211	225	32322	21.687	ng		95
35) Caprolactam	11.810	113	15662	21.809	ng	#	79
36) 4-Chloro-3-methylphenol	12.175	107	45658	20.512	ng		98
37) 2-Methylnaphthalene	12.539	142	103716	20.710	ng		99
38) 1-Methylnaphthalene	12.762	142	101803	20.894	ng		97
40) 1,2,4,5-Tetrachloroben...	12.903	216	58502	19.948	ng	#	97
43) 2,4,6-Trichlorophenol	13.150	196	32765	16.832	ng		99
44) 2,4,5-Trichlorophenol	13.226	196	39010	17.845	ng		97
46) 1,1'-Biphenyl	13.538	154	136028	18.828	ng		98

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47) 2-Chloronaphthalene	13.591	162	106458	19.402	ng		98
48) 2-Nitroaniline	13.796	65	30887	17.962	ng	#	80
49) Acenaphthylene	14.431	152	180880	19.977	ng		98
50) Dimethylphthalate	14.155	163	153629	20.497	ng		99
51) 2,6-Dinitrotoluene	14.284	165	32250	21.036	ng	#	80
52) Acenaphthene	14.772	154	110711m	19.035	ng		
53) 3-Nitroaniline	14.613	138	35120	20.464	ng		86
54) 2,4-Dinitrophenol	14.842	184	5038	6.899	ng		96
55) Dibenzofuran	15.106	168	174680	20.439	ng		98
56) 4-Nitrophenol	14.936	139	17339	13.056	ng		85
57) 2,4-Dinitrotoluene	15.071	165	45581	21.495	ng	#	81
58) Fluorene	15.753	166	148157	20.578	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.336	232	31054	15.758	ng	#	96
60) Diethylphthalate	15.506	149	152668	20.398	ng		98
61) 4-Chlorophenyl-phenyle...	15.735	204	74173	20.884	ng		98
62) 4-Nitroaniline	15.776	138	36880	21.048	ng		92
63) Azobenzene	16.029	77	124539	17.509	ng		93
65) 4,6-Dinitro-2-methylph...	15.841	198	20421	17.097	ng		91
66) n-Nitrosodiphenylamine	15.952	169	132041	19.513	ng		98
67) 4-Bromophenyl-phenylether	16.634	248	53108	20.614	ng		95
68) Hexachlorobenzene	16.757	284	62603	21.616	ng	#	92
69) Atrazine	16.893	200	49419	20.701	ng		100
70) Pentachlorophenol	17.116	266	9074	5.766	ng		91
71) Phenanthrene	17.498	178	251294	20.104	ng		99
72) Anthracene	17.586	178	246505	20.284	ng		98
73) Carbazole	17.856	167	225037	20.098	ng		99
74) Di-n-butylphthalate	18.397	149	279242	19.708	ng		98
75) Fluoranthene	19.507	202	318252	20.929	ng		97
77) Benzidine	19.683	184	108828	18.939	ng		99
78) Pyrene	19.866	202	326064	20.156	ng		98
80) Butylbenzylphthalate	20.735	149	122844	18.205	ng		91
81) Benzo(a)anthracene	21.710	228	309577	19.681	ng		99
82) 3,3'-Dichlorobenzidine	21.622	252	108350	19.646	ng		98
83) Chrysene	21.781	228	297994	19.813	ng		98
84) Bis(2-ethylhexyl)phtha...	21.587	149	175821	18.085	ng		99
85) Di-n-octyl phthalate	22.821	149	302040	18.320	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.855	276	373194	19.692	ng	#	95
88) Benzo(b)fluoranthene	23.978	252	302308	19.304	ng		99
89) Benzo(k)fluoranthene	24.049	252	309633	19.646	ng		99
90) Benzo(a)pyrene	24.883	252	260973	19.506	ng		97
91) Dibenzo(a,h)anthracene	28.902	278	308011	19.949	ng		99
92) Benzo(g,h,i)perylene	30.048	276	308418	19.773	ng	#	95

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

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