Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
Data File : BG054687.D
Acq On : 22 Aug 2022 18:05
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 23 00:20:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 00:12:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Jagrut Upadhyay 08/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.158	152	60322	20.000	ng		0.00
21) Naphthalene-d8	10.984	136	229835	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	143629	20.000	ng		0.00
64) Phenanthrene-d10	17.536	188	308225	20.000	ng		0.00
76) Chrysene-d12	21.831	240	271079	20.000	ng		0.00
86) Perylene-d12	25.197	264	286710	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	325626	97.745	ng		0.00
7) Phenol-d6	7.300	99	452511	97.126	ng		0.00
23) Nitrobenzene-d5	9.333	82	417092	104.772	ng		0.00
42) 2,4,6-Tribromophenol	16.272	330	128381	85.603	ng		0.00
45) 2-Fluorobiphenyl	13.417	172	932686	101.717	ng		0.00
79) Terphenyl-d14	20.133	244	1332269	105.044	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	78861	48.481	ng		98
3) Pyridine	3.957	79	226719	51.883	ng		99
4) n-Nitrosodimethylamine	3.869	42	99985	51.398	ng		96
6) Aniline	7.483	93	273585	48.996	ng		99
8) 2-Chlorophenol	7.718	128	173622	48.042	ng		97
9) Benzaldehyde	7.289	77	141580	50.432	ng		99
10) Phenol	7.330	94	231481	48.907	ng		99
11) bis(2-Chloroethyl)ether	7.571	93	189814	49.739	ng		99
12) 1,3-Dichlorobenzene	8.047	146	209888	49.514	ng		100
13) 1,4-Dichlorobenzene	8.194	146	212537	49.677	ng		98
14) 1,2-Dichlorobenzene	8.517	146	198281	48.889	ng		99
15) Benzyl Alcohol	8.393	79	160978	48.591	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.687	45	299120	50.272	ng		99
17) 2-Methylphenol	8.593	107	156864	48.418	ng		98
18) Hexachloroethane	9.251	117	73435	49.018	ng		97
19) n-Nitroso-di-n-propyla...	8.969	70	154857	50.611	ng		96
20) 3+4-Methylphenols	8.922	107	215606	48.181	ng		96
22) Acetophenone	8.987	105	284359	51.273	ng	#	99
24) Nitrobenzene	9.375	77	213282	52.747	ng		97
25) Isophorone	9.897	82	393415	51.457	ng		99
26) 2-Nitrophenol	10.091	139	62838	44.217	ng		97
27) 2,4-Dimethylphenol	10.138	122	148721	48.939	ng		98
28) bis(2-Chloroethoxy)met...	10.379	93	229128	52.175	ng		99
29) 2,4-Dichlorophenol	10.620	162	163146	50.176	ng		99
30) 1,2,4-Trichlorobenzene	10.843	180	200766	51.617	ng		95
31) Naphthalene	11.037	128	604058	51.129	ng		100
32) Benzoic acid	10.279	122	77081m	38.018	ng		
33) 4-Chloroaniline	11.137	127	245598	51.054	ng		99
34) Hexachlorobutadiene	11.313	225	127214	50.910	ng		98
35) Caprolactam	11.919	113	51478	48.655	ng		96
36) 4-Chloro-3-methylphenol	12.242	107	174184	50.333	ng		97
37) 2-Methylnaphthalene	12.630	142	420129	51.286	ng		99
38) 1-Methylnaphthalene	12.847	142	403722	50.650	ng		99
40) 1,2,4,5-Tetrachloroben...	12.988	216	217087	51.809	ng		100
41) Hexachlorocyclopentadiene	12.970	237	99096	44.698	ng		97
43) 2,4,6-Trichlorophenol	13.223	196	130468	49.640	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	144709	49.191	ng	97
46) 1,1'-Biphenyl	13.628	154	526616	51.699	ng	99
47) 2-Chloronaphthalene	13.675	162	398440	51.464	ng	99
48) 2-Nitroaniline	13.869	65	106406	49.636	ng	99
49) Acenaphthylene	14.516	152	654361	51.426	ng	98
50) Dimethylphthalate	14.239	163	501184	49.467	ng	99
51) 2,6-Dinitrotoluene	14.357	165	97616	50.861	ng	98
52) Acenaphthene	14.856	154	406760	50.756	ng	99
53) 3-Nitroaniline	14.692	138	111381	50.654	ng	99
54) 2,4-Dinitrophenol	14.892	184	33122	43.242	ng	98
55) Dibenzofuran	15.185	168	601978	50.348	ng	98
56) 4-Nitrophenol	14.980	139	82164	48.606	ng	97
57) 2,4-Dinitrotoluene	15.144	165	129258	50.183	ng	96
58) Fluorene	15.832	166	502341	50.249	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	121586	46.736	ng	95
60) Diethylphthalate	15.597	149	492389	49.276	ng	99
61) 4-Chlorophenyl-phenyle...	15.826	204	250878	50.733	ng	98
62) 4-Nitroaniline	15.855	138	117385	51.224	ng	97
63) Azobenzene	16.120	77	508595	52.862	ng	98
65) 4,6-Dinitro-2-methylph...	15.902	198	49826	45.030	ng	98
66) n-Nitrosodiphenylamine	16.037	169	432469	51.319	ng	100
67) 4-Bromophenyl-phenylether	16.719	248	147545	47.242	ng	100
68) Hexachlorobenzene	16.830	284	183155	50.395	ng	96
69) Atrazine	16.977	200	137096	51.231	ng	99
70) Pentachlorophenol	17.177	266	95119	48.003	ng	99
71) Phenanthrene	17.577	178	793995	50.659	ng	98
72) Anthracene	17.671	178	772303	50.568	ng	99
73) Carbazole	17.935	167	707599	50.951	ng	99
74) Di-n-butylphthalate	18.487	149	806964	49.213	ng	100
75) Fluoranthene	19.580	202	946787	50.031	ng	99
77) Benzidine	19.756	184	276455	54.394	ng	99
78) Pyrene	19.944	202	950089	53.364	ng	98
80) Butylbenzylphthalate	20.820	149	303926	47.547	ng	99
81) Benzo(a)anthracene	21.807	228	905204	51.626	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	294551	58.588	ng	99
83) Chrysene	21.878	228	857845	51.717	ng	99
84) Bis(2-ethylhexyl)phtha...	21.701	149	460633	49.037	ng	99
85) Di-n-octyl phthalate	22.970	149	759753	48.864	ng	99
87) Indeno(1,2,3-cd)pyrene	29.081	276	1084740	51.747	ng	99
88) Benzo(b)fluoranthene	24.122	252	884759	51.244	ng	99
89) Benzo(k)fluoranthene	24.198	252	913801	52.617	ng	99
90) Benzo(a)pyrene	25.039	252	770236	52.526	ng	99
91) Dibenzo(a,h)anthracene	29.157	278	882506	51.165	ng	99
92) Benzo(g,h,i)perylene	30.297	276	870123	50.870	ng	100

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

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