Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055144.D
Acq On : 12 Oct 2022 16:57
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 13 04:25:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 04:19:34 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	28131	20.000	ng		0.00
21) Naphthalene-d8	11.131	136	128739	20.000	ng		0.00
39) Acenaphthene-d10	14.915	164	101113	20.000	ng		0.00
64) Phenanthrene-d10	17.641	188	260903	20.000	ng		0.00
76) Chrysene-d12	21.924	240	255934	20.000	ng		0.00
86) Perylene-d12	25.338	264	268551	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.820	112	28095	22.183	ng		0.00
7) Phenol-d6	7.429	99	41985	22.125	ng		0.00
23) Nitrobenzene-d5	9.474	82	46229	21.457	ng		0.00
42) 2,4,6-Tribromophenol	16.384	330	27550	30.706	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	122815	18.962	ng		0.00
79) Terphenyl-d14	20.214	244	261128	20.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	6035	8.422	ng		99
3) Pyridine	4.063	79	18290	8.488	ng		100
4) n-Nitrosodimethylamine	3.969	42	10058	8.162	ng	#	84
6) Aniline	7.612	93	26674	9.607	ng		99
8) 2-Chlorophenol	7.858	128	17368	11.922	ng		96
9) Benzaldehyde	7.424	77	16179	10.613	ng		96
10) Phenol	7.459	94	23144	10.733	ng		99
11) bis(2-Chloroethyl)ether	7.706	93	17003	9.620	ng		96
12) 1,3-Dichlorobenzene	8.193	146	20589	10.268	ng		99
13) 1,4-Dichlorobenzene	8.340	146	20482	10.093	ng		98
14) 1,2-Dichlorobenzene	8.663	146	19868	10.077	ng		99
15) Benzyl Alcohol	8.534	79	18123	10.633	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.828	45	28492	8.511	ng		95
17) 2-Methylphenol	8.728	107	16625	10.942	ng		97
18) Hexachloroethane	9.404	117	7099	11.032	ng		99
19) n-Nitroso-di-n-propyla...	9.098	70	17261	9.390	ng	#	98
20) 3+4-Methylphenols	9.051	107	23998	11.342	ng		97
22) Acetophenone	9.127	105	31022	9.502	ng	#	97
24) Nitrobenzene	9.515	77	23272	9.948	ng		99
25) Isophorone	10.038	82	44980	9.823	ng		96
26) 2-Nitrophenol	10.232	139	10700	15.665	ng		93
27) 2,4-Dimethylphenol	10.273	122	16760	10.677	ng		96
28) bis(2-Chloroethoxy)met...	10.514	93	23100	9.859	ng		97
29) 2,4-Dichlorophenol	10.767	162	20117	12.056	ng		99
30) 1,2,4-Trichlorobenzene	10.990	180	22261	9.901	ng		96
31) Naphthalene	11.184	128	65027	9.570	ng		99
32) Benzoic acid	10.344	122	8719m	9.027	ng		
33) 4-Chloroaniline	11.278	127	26887	9.570	ng		97
34) Hexachlorobutadiene	11.466	225	14179	9.726	ng		98
35) Caprolactam	12.030	113	8447	13.833	ng	#	82
36) 4-Chloro-3-methylphenol	12.371	107	22534	11.427	ng		98
37) 2-Methylnaphthalene	12.764	142	48974	9.781	ng		98
38) 1-Methylnaphthalene	12.982	142	47368	9.725	ng		97
40) 1,2,4,5-Tetrachloroben...	13.123	216	27258	9.233	ng		98
41) Hexachlorocyclopentadiene	13.099	237	12497	9.830	ng		99
43) 2,4,6-Trichlorophenol	13.352	196	19230	12.959	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.422	196	21646	12.518	ng		98
46)	1,1'-Biphenyl	13.751	154	65686	9.475	ng		99
47)	2-Chloronaphthalene	13.798	162	52791	9.450	ng		97
48)	2-Nitroaniline	13.986	65	17733	13.496	ng		96
49)	Acenaphthylene	14.639	152	88911	9.611	ng		99
50)	Dimethylphthalate	14.351	163	80554	11.738	ng		98
51)	2,6-Dinitrotoluene	14.468	165	16172	13.068	ng		96
52)	Acenaphthene	14.974	154	56363	9.813	ng		94
53)	3-Nitroaniline	14.797	138	18389	12.534	ng		95
54)	2,4-Dinitrophenol	15.003	184	7366	11.547	ng		93
55)	Dibenzofuran	15.303	168	90552	9.881	ng		98
56)	4-Nitrophenol	15.085	139	14176	12.778	ng		93
57)	2,4-Dinitrotoluene	15.250	165	22696	13.341	ng		96
58)	Fluorene	15.949	166	74179	10.115	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.520	232	21119	13.032	ng		99
60)	Diethylphthalate	15.696	149	84984	12.001	ng		99
61)	4-Chlorophenyl-phenyle...	15.937	204	39530	9.916	ng		98
62)	4-Nitroaniline	15.949	138	19995	12.111	ng		98
63)	Azobenzene	16.225	77	72017	9.030	ng		98
65)	4,6-Dinitro-2-methylph...	16.008	198	12799	13.161	ng		94
66)	n-Nitrosodiphenylamine	16.143	169	67128	9.879	ng		99
67)	4-Bromophenyl-phenylether	16.824	248	27568	9.991	ng		99
68)	Hexachlorobenzene	16.948	284	32193	10.091	ng		97
69)	Atrazine	17.077	200	27754	12.537	ng		98
70)	Pentachlorophenol	17.288	266	17012	11.136	ng		97
71)	Phenanthrene	17.688	178	133868	9.768	ng		98
72)	Anthracene	17.776	178	132634	9.951	ng		99
73)	Carbazole	18.035	167	123546	10.560	ng		99
74)	Di-n-butylphthalate	18.575	149	150793	12.347	ng		98
75)	Fluoranthene	19.674	202	171568	10.035	ng		98
77)	Benzidine	19.838	184	73231	16.609	ng		100
78)	Pyrene	20.032	202	171340	10.068	ng		99
80)	Butylbenzylphthalate	20.896	149	61682	13.643	ng		98
81)	Benzo(a)anthracene	21.901	228	159068	9.784	ng		99
82)	3,3'-Dichlorobenzidine	21.807	252	54810	11.597	ng		99
83)	Chrysene	21.971	228	152832	9.753	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.783	149	89980	13.045	ng		99
85)	Di-n-octyl phthalate	23.064	149	150123	13.044	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.269	276	190564	9.833	ng	#	96
88)	Benzo(b)fluoranthene	24.245	252	156038	9.861	ng		99
89)	Benzo(k)fluoranthene	24.316	252	158394	9.936	ng		99
90)	Benzo(a)pyrene	25.167	252	132501	9.770	ng		99
91)	Dibenzo(a,h)anthracene	29.333	278	160749	10.211	ng		98
92)	Benzo(g,h,i)perylene	30.502	276	155292	9.826	ng		99

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

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