Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
Data File : BG057146.D
Acq On : 20 Apr 2023 14:56
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 21 05:49:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 21 05:45:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.389	152	7786	20.000	ng		0.00
21) Naphthalene-d8	11.233	136	32589	20.000	ng		0.00
39) Acenaphthene-d10	15.010	164	25872	20.000	ng		0.00
64) Phenanthrene-d10	17.747	188	67042	20.000	ng	#	0.00
76) Chrysene-d12	22.059	240	59699	20.000	ng	#	0.00
86) Perylene-d12	25.578	264	67356	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.899	112	42481	97.719	ng		0.00
7) Phenol-d6	7.526	99	66404	96.897	ng		0.00
23) Nitrobenzene-d5	9.576	82	72879	102.173	ng		0.00
42) 2,4,6-Tribromophenol	16.490	330	47796	106.342	ng		0.00
45) 2-Fluorobiphenyl	13.635	172	189785	97.255	ng		0.00
79) Terphenyl-d14	20.314	244	380255	98.588	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.702	88	13481	57.986	ng		94
3) Pyridine	4.130	79	28843	50.405	ng		94
4) n-Nitrosodimethylamine	4.036	42	16463	52.932	ng		100
6) Aniline	7.702	93	41963	49.542	ng		96
8) 2-Chlorophenol	7.955	128	22058	47.187	ng		94
9) Benzaldehyde	7.520	77	17301	43.690	ng		94
10) Phenol	7.555	94	32578	49.560	ng		91
11) bis(2-Chloroethyl)ether	7.790	93	21302	46.053	ng		80
12) 1,3-Dichlorobenzene	8.284	146	25182	47.405	ng		97
13) 1,4-Dichlorobenzene	8.430	146	25558	46.700	ng		98
14) 1,2-Dichlorobenzene	8.759	146	24660	46.688	ng		94
15) Benzyl Alcohol	8.624	79	27967	49.358	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.912	45	23479	41.010	ng		95
17) 2-Methylphenol	8.824	107	24231	47.217	ng		98
18) Hexachloroethane	9.494	117	8731	45.555	ng		92
19) n-Nitroso-di-n-propyla...	9.194	70	23574	47.060	ng		94
20) 3+4-Methylphenols	9.159	107	33643	48.988	ng		98
22) Acetophenone	9.223	105	43486	50.369	ng		96
24) Nitrobenzene	9.617	77	37275	51.996	ng		95
25) Isophorone	10.140	82	63531	48.724	ng		98
26) 2-Nitrophenol	10.334	139	15718	53.536	ng		98
27) 2,4-Dimethylphenol	10.375	122	24986	50.363	ng		97
28) bis(2-Chloroethoxy)met...	10.610	93	30262	41.817	ng		95
29) 2,4-Dichlorophenol	10.874	162	27850	47.714	ng		92
30) 1,2,4-Trichlorobenzene	11.092	180	31258	49.767	ng		95
31) Naphthalene	11.285	128	80687	46.246	ng		97
32) Benzoic acid	10.510	122	14654m	58.948	ng		
33) 4-Chloroaniline	11.385	127	38586	48.975	ng	#	93
34) Hexachlorobutadiene	11.561	225	23692	51.621	ng		97
35) Caprolactam	12.155	113	9580	51.333	ng	#	80
36) 4-Chloro-3-methylphenol	12.478	107	28956	48.103	ng	#	87
37) 2-Methylnaphthalene	12.860	142	67500	48.939	ng		97
38) 1-Methylnaphthalene	13.077	142	64130	48.547	ng		97
40) 1,2,4,5-Tetrachloroben...	13.224	216	45673	51.036	ng		98
41) Hexachlorocyclopentadiene	13.195	237	23987	49.953	ng		95
43) 2,4,6-Trichlorophenol	13.453	196	27683	49.882	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.529	196	34286	51.853	ng	#	93
46)	1,1'-Biphenyl	13.847	154	92096	47.327	ng		96
47)	2-Chloronaphthalene	13.900	162	69673	47.899	ng		96
48)	2-Nitroaniline	14.093	65	23635	48.280	ng	#	86
49)	Acenaphthylene	14.740	152	111545	47.638	ng		99
50)	Dimethylphthalate	14.446	163	99684	49.044	ng		98
51)	2,6-Dinitrotoluene	14.575	165	21669	48.952	ng		97
52)	Acenaphthene	15.074	154	71013	48.629	ng		97
53)	3-Nitroaniline	14.910	138	20619	48.112	ng		95
54)	2,4-Dinitrophenol	15.110	184	13454	49.973	ng		89
55)	Dibenzofuran	15.403	168	117969	48.346	ng		100
56)	4-Nitrophenol	15.204	139	14718	50.863	ng		90
57)	2,4-Dinitrotoluene	15.356	165	31164	49.666	ng		96
58)	Fluorene	16.050	166	96799	46.268	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.627	232	31517	55.425	ng		94
60)	Diethylphthalate	15.791	149	100378	47.485	ng		93
61)	4-Chlorophenyl-phenyle...	16.026	204	59236	48.002	ng		96
62)	4-Nitroaniline	16.067	138	22806	45.859	ng	#	82
63)	Azobenzene	16.320	77	92639	43.772	ng		92
65)	4,6-Dinitro-2-methylph...	16.120	198	21295	51.349	ng		95
66)	n-Nitrosodiphenylamine	16.243	169	86891	46.201	ng		97
67)	4-Bromophenyl-phenylether	16.919	248	40571	48.671	ng		93
68)	Hexachlorobenzene	17.054	284	43083	49.553	ng		96
69)	Atrazine	17.172	200	34272	47.528	ng		99
70)	Pentachlorophenol	17.395	266	24803	51.968	ng		91
71)	Phenanthrene	17.788	178	161345	46.434	ng		100
72)	Anthracene	17.882	178	164045	45.942	ng		98
73)	Carbazole	18.147	167	137471	45.681	ng		98
74)	Di-n-butylphthalate	18.664	149	158822	44.678	ng		98
75)	Fluoranthene	19.774	202	202185	47.635	ng		97
77)	Benzidine	19.938	184	62194	40.839	ng		97
78)	Pyrene	20.138	202	203491	47.301	ng		98
80)	Butylbenzylphthalate	20.990	149	69169	44.584	ng		96
81)	Benzo(a)anthracene	22.036	228	203315	47.941	ng		99
82)	3,3'-Dichlorobenzidine	21.936	252	69499	47.527	ng		99
83)	Chrysene	22.112	228	190552	47.674	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.883	149	96764	43.610	ng		98
85)	Di-n-octyl phthalate	23.193	149	157405	43.099	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.655	276	244716	49.841	ng	#	72
88)	Benzo(b)fluoranthene	24.456	252	207181	47.366	ng	#	95
89)	Benzo(k)fluoranthene	24.532	252	203803	46.554	ng	#	96
90)	Benzo(a)pyrene	25.419	252	198839	47.370	ng	#	96
91)	Dibenzo(a,h)anthracene	29.719	278	205378	50.400	ng	#	95
92)	Benzo(g,h,i)perylene	30.935	276	196893	49.914	ng	#	91

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

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