Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
Data File : BG057147.D
Acq On : 20 Apr 2023 15:37
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 21 05:49:47 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 :
SSTDICC060

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	8.392	152	9240	20.000	ng		0.00
21) Naphthalene-d8	11.235	136	36944	20.000	ng	#	0.00
39) Acenaphthene-d10	15.006	164	28795	20.000	ng		0.00
64) Phenanthrene-d10	17.744	188	69571	20.000	ng	#	0.00
76) Chrysene-d12	22.061	240	62465	20.000	ng	#	0.00
86) Perylene-d12	25.580	264	69207	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.901	112	61823	119.833	ng		0.00
7) Phenol-d6	7.528	99	94861	116.640	ng		0.00
23) Nitrobenzene-d5	9.578	82	102271	126.477	ng		0.00
42) 2,4,6-Tribromophenol	16.492	330	63654	127.248	ng		0.00
45) 2-Fluorobiphenyl	13.637	172	266007	122.478	ng		0.00
79) Terphenyl-d14	20.311	244	496821	123.106	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.710	88	15085	54.675	ng		96
3) Pyridine	4.133	79	42832	63.073	ng		93
4) n-Nitrosodimethylamine	4.039	42	22778	61.712	ng	#	92
6) Aniline	7.704	93	59268	58.962	ng		98
8) 2-Chlorophenol	7.957	128	33826	60.975	ng		96
9) Benzaldehyde	7.516	77	24768	52.704	ng		93
10) Phenol	7.558	94	46699	59.862	ng		94
11) bis(2-Chloroethyl)ether	7.792	93	31620	57.603	ng		95
12) 1,3-Dichlorobenzene	8.280	146	36662	58.156	ng		98
13) 1,4-Dichlorobenzene	8.427	146	36574	56.313	ng		97
14) 1,2-Dichlorobenzene	8.756	146	35561	56.732	ng		91
15) Benzyl Alcohol	8.627	79	41548	61.788	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.920	45	36337m	53.482	ng		
17) 2-Methylphenol	8.826	107	34769	57.091	ng		97
18) Hexachloroethane	9.496	117	13235	58.188	ng		95
19) n-Nitroso-di-n-propyla...	9.202	70	33531	56.404	ng		98
20) 3+4-Methylphenols	9.155	107	48356	59.331	ng		98
22) Acetophenone	9.226	105	60659	61.978	ng	#	96
24) Nitrobenzene	9.619	77	50881	62.608	ng		99
25) Isophorone	10.136	82	91013	61.573	ng		98
26) 2-Nitrophenol	10.330	139	22075	66.325	ng		97
27) 2,4-Dimethylphenol	10.377	122	34293	60.974	ng		93
28) bis(2-Chloroethoxy)met...	10.612	93	44362	54.074	ng		95
29) 2,4-Dichlorophenol	10.877	162	39522	59.730	ng		92
30) 1,2,4-Trichlorobenzene	11.094	180	44210	62.092	ng		98
31) Naphthalene	11.288	128	117313	59.312	ng		96
32) Benzoic acid	10.530	122	21630	76.754	ng		92
33) 4-Chloroaniline	11.382	127	53032	59.376	ng	#	93
34) Hexachlorobutadiene	11.558	225	33932	65.217	ng		97
35) Caprolactam	12.163	113	12075	57.075	ng	#	87
36) 4-Chloro-3-methylphenol	12.480	107	41603	60.966	ng		96
37) 2-Methylnaphthalene	12.862	142	95852	61.303	ng		97
38) 1-Methylnaphthalene	13.079	142	87437	58.388	ng		97
40) 1,2,4,5-Tetrachloroben...	13.220	216	64370	64.627	ng		99
41) Hexachlorocyclopentadiene	13.197	237	35043	63.566	ng		94
43) 2,4,6-Trichlorophenol	13.455	196	39797	64.431	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.532	196	45641	62.019	ng		93
46) 1,1'-Biphenyl	13.849	154	129242	59.674	ng		96
47) 2-Chloronaphthalene	13.902	162	97219	60.052	ng		97
48) 2-Nitroaniline	14.096	65	32461	59.578	ng		94
49) Acenaphthylene	14.736	152	155013	59.482	ng		98
50) Dimethylphthalate	14.448	163	135885	60.068	ng		98
51) 2,6-Dinitrotoluene	14.572	165	30052	60.998	ng		95
52) Acenaphthene	15.077	154	94299	58.020	ng		99
53) 3-Nitroaniline	14.906	138	28666	60.099	ng		90
54) 2,4-Dinitrophenol	15.112	184	19536	63.659	ng		96
55) Dibenzofuran	15.406	168	163323	60.139	ng		100
56) 4-Nitrophenol	15.200	139	20138	62.529	ng	#	85
57) 2,4-Dinitrotoluene	15.359	165	42194	60.419	ng	#	96
58) Fluorene	16.052	166	132771	57.019	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.623	232	42090	66.505	ng		95
60) Diethylphthalate	15.788	149	136015	57.812	ng		100
61) 4-Chlorophenyl-phenyle...	16.028	204	81576	59.394	ng		92
62) 4-Nitroaniline	16.064	138	30370	54.869	ng	#	80
63) Azobenzene	16.322	77	125579	53.313	ng		94
65) 4,6-Dinitro-2-methylph...	16.122	198	28630	66.527	ng		95
66) n-Nitrosodiphenylamine	16.240	169	112443	57.614	ng		99
67) 4-Bromophenyl-phenylether	16.921	248	54205	62.663	ng		94
68) Hexachlorobenzene	17.051	284	57663	63.911	ng		98
69) Atrazine	17.174	200	44579	59.575	ng		98
70) Pentachlorophenol	17.391	266	34727m	70.116	ng		
71) Phenanthrene	17.791	178	213912	59.325	ng		99
72) Anthracene	17.879	178	220282	59.449	ng		99
73) Carbazole	18.143	167	180460	57.786	ng		97
74) Di-n-butylphthalate	18.666	149	212905	57.715	ng		99
75) Fluoranthene	19.776	202	267866	60.816	ng		96
77) Benzidine	19.941	184	82630	51.856	ng		97
78) Pyrene	20.140	202	268510	59.651	ng		98
80) Butylbenzylphthalate	20.992	149	90156	55.539	ng		98
81) Benzo(a)anthracene	22.038	228	265912	59.925	ng		99
82) 3,3'-Dichlorobenzidine	21.938	252	89305	58.367	ng		99
83) Chrysene	22.114	228	251450	60.125	ng		99
84) Bis(2-ethylhexyl)phtha...	21.885	149	124860	53.780	ng	#	99
85) Di-n-octyl phthalate	23.195	149	211020	55.220	ng		100
87) Indeno(1,2,3-cd)pyrene	29.669	276	323356	64.097	ng	#	95
88) Benzo(b)fluoranthene	24.458	252	272374	60.605	ng	#	97
89) Benzo(k)fluoranthene	24.535	252	268921	59.786	ng	#	97
90) Benzo(a)pyrene	25.422	252	261081	60.534	ng	#	98
91) Dibenzo(a,h)anthracene	29.727	278	271744	64.902	ng	#	96
92) Benzo(g,h,i)perylene	30.955	276	261728	64.576	ng	#	96

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

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