Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
Data File : BG055399.D
Acq On : 1 Nov 2022 18:29
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 02 04:13:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 04:08:03 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.244	152	31445	20.000	ng		0.00
21) Naphthalene-d8	11.076	136	136145	20.000	ng		0.00
39) Acenaphthene-d10	14.859	164	98783	20.000	ng		0.00
64) Phenanthrene-d10	17.597	188	222557	20.000	ng		0.00
76) Chrysene-d12	21.869	240	209040	20.000	ng		0.00
86) Perylene-d12	25.241	264	232403	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.770	112	208274	115.975	ng		0.00
7) Phenol-d6	7.397	99	295646	113.632	ng		0.00
23) Nitrobenzene-d5	9.425	82	308435	115.683	ng		0.00
42) 2,4,6-Tribromophenol	16.346	330	165445	154.066	ng		0.00
45) 2-Fluorobiphenyl	13.490	172	759718	125.879	ng		0.00
79) Terphenyl-d14	20.171	244	1205254	119.792	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.573	88	45217	52.146	ng		98
3) Pyridine	3.996	79	139367m	53.372	ng		
4) n-Nitrosodimethylamine	3.907	42	55299	47.666	ng		98
6) Aniline	7.562	93	188294	55.283	ng		98
8) 2-Chlorophenol	7.809	128	124813	59.780	ng		97
9) Benzaldehyde	7.374	77	84015	47.294	ng		99
10) Phenol	7.421	94	164499	56.446	ng		98
11) bis(2-Chloroethyl)ether	7.650	93	121938	55.429	ng		98
12) 1,3-Dichlorobenzene	8.132	146	142094	62.375	ng		98
13) 1,4-Dichlorobenzene	8.285	146	143673	61.747	ng		99
14) 1,2-Dichlorobenzene	8.608	146	137006	61.156	ng		99
15) Benzyl Alcohol	8.484	79	121092	55.617	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.772	45	160977	44.713	ng		99
17) 2-Methylphenol	8.684	107	119971	58.209	ng		99
18) Hexachloroethane	9.342	117	49183	59.360	ng		93
19) n-Nitroso-di-n-propyla...	9.054	70	113056	52.327	ng		99
20) 3+4-Methylphenols	9.019	107	172412	58.406	ng		97
22) Acetophenone	9.078	105	210547	60.491	ng	#	98
24) Nitrobenzene	9.466	77	158206	56.987	ng		99
25) Isophorone	9.989	82	303569	56.370	ng		99
26) 2-Nitrophenol	10.182	139	85559	70.377	ng		99
27) 2,4-Dimethylphenol	10.229	122	114706	60.437	ng		98
28) bis(2-Chloroethoxy)met...	10.459	93	161867	59.531	ng		99
29) 2,4-Dichlorophenol	10.723	162	144249	70.847	ng		97
30) 1,2,4-Trichlorobenzene	10.935	180	151613	72.960	ng		99
31) Naphthalene	11.128	128	453983	62.507	ng		100
32) Benzoic acid	10.412	122	76318	57.891	ng		92
33) 4-Chloroaniline	11.228	127	193956	62.465	ng		98
34) Hexachlorobutadiene	11.399	225	94536	79.622	ng		98
35) Caprolactam	12.021	113	51245	54.230	ng		94
36) 4-Chloro-3-methylphenol	12.339	107	157201	61.359	ng		99
37) 2-Methylnaphthalene	12.709	142	333855	63.756	ng		99
38) 1-Methylnaphthalene	12.926	142	326632	63.227	ng		100
40) 1,2,4,5-Tetrachloroben...	13.073	216	174690	73.321	ng		99
41) Hexachlorocyclopentadiene	13.044	237	81949	83.848	ng		94
43) 2,4,6-Trichlorophenol	13.308	196	126916	72.124	ng		98

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44)	2,4,5-Trichlorophenol	13.385	196	140095	71.979	ng		98
46)	1,1'-Biphenyl	13.702	154	429511	63.395	ng		100
47)	2-Chloronaphthalene	13.749	162	344576	64.495	ng		99
48)	2-Nitroaniline	13.949	65	110477	52.875	ng		99
49)	Acenaphthylene	14.589	152	564451	61.202	ng		99
50)	Dimethylphthalate	14.307	163	478901	61.747	ng		99
51)	2,6-Dinitrotoluene	14.436	165	104389	66.143	ng		99
52)	Acenaphthene	14.930	154	338096	57.511	ng		98
53)	3-Nitroaniline	14.771	138	117512	59.242	ng		94
54)	2,4-Dinitrophenol	14.977	184	60597	79.945	ng		98
55)	Dibenzofuran	15.259	168	549622	62.317	ng		98
56)	4-Nitrophenol	15.071	139	84309	59.425	ng		98
57)	2,4-Dinitrotoluene	15.218	165	150811	65.849	ng		98
58)	Fluorene	15.905	166	442975	60.362	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.482	232	126883	73.124	ng		99
60)	Diethylphthalate	15.653	149	491320	59.552	ng		99
61)	4-Chlorophenyl-phenyle...	15.882	204	233183	69.145	ng		98
62)	4-Nitroaniline	15.929	138	119766	57.455	ng		99
63)	Azobenzene	16.175	77	414174	51.531	ng		98
65)	4,6-Dinitro-2-methylph...	15.982	198	93758	76.632	ng		96
66)	n-Nitrosodiphenylamine	16.099	169	397197	64.120	ng		99
67)	4-Bromophenyl-phenylether	16.775	248	160384	74.175	ng		100
68)	Hexachlorobenzene	16.904	284	180469	73.818	ng		97
69)	Atrazine	17.033	200	129203	61.338	ng		99
70)	Pentachlorophenol	17.245	266	90829	75.294	ng		99
71)	Phenanthrene	17.638	178	730998	61.588	ng		99
72)	Anthracene	17.732	178	714145	61.547	ng		99
73)	Carbazole	17.997	167	657112	58.879	ng		99
74)	Di-n-butylphthalate	18.520	149	821990	58.920	ng		99
75)	Fluoranthene	19.630	202	849164	61.399	ng		99
77)	Benzidine	19.795	184	270080	53.360	ng		99
78)	Pyrene	19.989	202	855458	59.704	ng		99
80)	Butylbenzylphthalate	20.841	149	372034	54.947	ng		98
81)	Benzo(a)anthracene	21.851	228	841988	59.981	ng		99
82)	3,3'-Dichlorobenzidine	21.751	252	295878	64.718	ng		99
83)	Chrysene	21.922	228	806041	60.450	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.710	149	537196	55.539	ng		100
85)	Di-n-octyl phthalate	22.962	149	903101	56.045	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.148	276	1098819	64.015	ng	#	91
88)	Benzo(b)fluoranthene	24.172	252	878883	62.869	ng		99
89)	Benzo(k)fluoranthene	24.242	252	855774	60.625	ng		99
90)	Benzo(a)pyrene	25.089	252	748845	62.466	ng		99
91)	Dibenzo(a,h)anthracene	29.207	278	903053	64.109	ng		98
92)	Benzo(g,h,i)perylene	30.376	276	902534	64.598	ng		98

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

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