Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
Data File : BG056459.D
Acq On : 27 Jan 2023 15:03
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 27 23:47:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 23:42:35 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.283	152	36190	20.000	ng		# 0.00
21) Naphthalene-d8	11.115	136	143168	20.000	ng		0.00
39) Acenaphthene-d10	14.905	164	116448	20.000	ng		0.00
64) Phenanthrene-d10	17.643	188	286549	20.000	ng		0.00
76) Chrysene-d12	21.932	240	271439	20.000	ng		0.00
86) Perylene-d12	25.357	264	299991	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.798	112	230540	117.186	ng		0.00
7) Phenol-d6	7.425	99	347789	119.315	ng		0.00
23) Nitrobenzene-d5	9.458	82	299623	118.840	ng		0.00
42) 2,4,6-Tribromophenol	16.385	330	186567	120.513	ng		0.00
45) 2-Fluorobiphenyl	13.530	172	1002349	119.339	ng		0.00
79) Terphenyl-d14	20.216	244	1750984	113.299	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.600	88	46097	56.273	ng		98
3) Pyridine	4.023	79	148148m	61.030	ng		
4) n-Nitrosodimethylamine	3.935	42	30507	58.747	ng	#	94
6) Aniline	7.596	93	226457	59.338	ng		96
8) 2-Chlorophenol	7.842	128	125650	58.140	ng		98
9) Benzaldehyde	7.408	77	67551m	47.242	ng		
10) Phenol	7.455	94	174434	58.878	ng		98
11) bis(2-Chloroethyl)ether	7.684	93	118204	58.047	ng		96
12) 1,3-Dichlorobenzene	8.171	146	145579	58.505	ng		97
13) 1,4-Dichlorobenzene	8.318	146	146639	58.191	ng		96
14) 1,2-Dichlorobenzene	8.641	146	141779	57.989	ng		97
15) Benzyl Alcohol	8.518	79	121869	60.937	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.806	45	24981	57.897	ng		98
17) 2-Methylphenol	8.718	107	135817	60.260	ng		97
18) Hexachloroethane	9.376	117	44184	57.971	ng		91
19) n-Nitroso-di-n-propyla...	9.088	70	98493	58.633	ng		98
20) 3+4-Methylphenols	9.053	107	191344	60.579	ng		97
22) Acetophenone	9.111	105	225999	59.411	ng	#	98
24) Nitrobenzene	9.505	77	147724	60.744	ng		96
25) Isophorone	10.028	82	308211	59.256	ng		98
26) 2-Nitrophenol	10.216	139	90309	61.205	ng		97
27) 2,4-Dimethylphenol	10.263	122	147939m	60.309	ng		
28) bis(2-Chloroethoxy)met...	10.498	93	169525	58.998	ng		99
29) 2,4-Dichlorophenol	10.757	162	170936	61.497	ng		99
30) 1,2,4-Trichlorobenzene	10.974	180	183984	59.564	ng		100
31) Naphthalene	11.168	128	452221	59.845	ng		98
32) Benzoic acid	10.433	122	90895m	65.171	ng		
33) 4-Chloroaniline	11.268	127	209597	59.422	ng		99
34) Hexachlorobutadiene	11.438	225	130993	60.417	ng		98
35) Caprolactam	12.055	113	54652	58.299	ng		95
36) 4-Chloro-3-methylphenol	12.372	107	163474	60.899	ng		97
37) 2-Methylnaphthalene	12.748	142	371433	59.623	ng		100
38) 1-Methylnaphthalene	12.966	142	346538	59.561	ng		97
40) 1,2,4,5-Tetrachloroben...	13.113	216	259008	60.882	ng		100
41) Hexachlorocyclopentadiene	13.083	237	132152	69.888	ng		99
43) 2,4,6-Trichlorophenol	13.348	196	170311	62.122	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.424	196	199357	62.483	ng		99
46)	1,1'-Biphenyl	13.741	154	505253	59.820	ng		99
47)	2-Chloronaphthalene	13.788	162	395030	59.836	ng		98
48)	2-Nitroaniline	13.988	65	82382	60.363	ng		96
49)	Acenaphthylene	14.629	152	648783	60.402	ng		99
50)	Dimethylphthalate	14.346	163	553351	58.736	ng		99
51)	2,6-Dinitrotoluene	14.476	165	120389	58.598	ng		99
52)	Acenaphthene	14.969	154	383528	60.213	ng		99
53)	3-Nitroaniline	14.805	138	118365	59.427	ng		99
54)	2,4-Dinitrophenol	15.016	184	84602	65.685	ng		98
55)	Dibenzofuran	15.298	168	672173	58.843	ng		99
56)	4-Nitrophenol	15.110	139	85767	63.352	ng		98
57)	2,4-Dinitrotoluene	15.257	165	171710	59.335	ng		99
58)	Fluorene	15.945	166	531994	58.528	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.522	232	173629	60.838	ng		99
60)	Diethylphthalate	15.692	149	514664	58.177	ng		99
61)	4-Chlorophenyl-phenyle...	15.927	204	334425	60.296	ng		98
62)	4-Nitroaniline	15.968	138	117525	58.968	ng		97
63)	Azobenzene	16.221	77	355843	58.459	ng		99
65)	4,6-Dinitro-2-methylph...	16.021	198	127355	63.216	ng		99
66)	n-Nitrosodiphenylamine	16.139	169	489113	60.287	ng		100
67)	4-Bromophenyl-phenylether	16.820	248	224770	61.273	ng		96
68)	Hexachlorobenzene	16.949	284	216455	60.246	ng		99
69)	Atrazine	17.073	200	177024	56.559	ng		99
70)	Pentachlorophenol	17.290	266	140653	64.900	ng		97
71)	Phenanthrene	17.684	178	888556	59.247	ng		100
72)	Anthracene	17.778	178	916154	59.509	ng		99
73)	Carbazole	18.042	167	765695	58.396	ng		100
74)	Di-n-butylphthalate	18.565	149	806092	58.550	ng		99
75)	Fluoranthene	19.676	202	1096359	57.921	ng		100
77)	Benzidine	19.846	184	404871	55.118	ng		99
78)	Pyrene	20.040	202	1106662	57.324	ng		100
80)	Butylbenzylphthalate	20.892	149	345014	58.517	ng		98
81)	Benzo(a)anthracene	21.914	228	1120120	59.026	ng		99
82)	3,3'-Dichlorobenzidine	21.814	252	395553	57.882	ng		98
83)	Chrysene	21.985	228	1055780	59.219	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.773	149	501102	59.281	ng		100
85)	Di-n-octyl phthalate	23.042	149	830852	59.021	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.311	276	1321451	60.176	ng	#	90
88)	Benzo(b)fluoranthene	24.264	252	1103853	59.283	ng		100
89)	Benzo(k)fluoranthene	24.341	252	1128970	60.069	ng		99
90)	Benzo(a)pyrene	25.204	252	1093221	59.602	ng		98
91)	Dibenzo(a,h)anthracene	29.382	278	1101277	59.745	ng		99
92)	Benzo(g,h,i)perylene	30.563	276	1074973	60.440	ng		99

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

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