Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
Data File : BG049622.D
Acq On : 3 Aug 2021 13:15
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
8/4/2021 3:44:25 PM

Quant Time: Aug 03 14:00:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 11:43:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.046	152	29396	20.000	ng		0.00
21) Naphthalene-d8	10.866	136	114625	20.000	ng	#	0.00
39) Acenaphthene-d10	14.696	164	79080	20.000	ng		0.00
64) Phenanthrene-d10	17.445	188	171269	20.000	ng	#	0.00
76) Chrysene-d12	21.733	240	157388	20.000	ng		0.00
86) Perylene-d12	25.011	264	167033	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.590	112	203002	117.164	ng		0.00
7) Phenol-d6	7.200	99	302653	119.941	ng		0.00
23) Nitrobenzene-d5	9.215	82	305478	119.404	ng		0.00
42) 2,4,6-Tribromophenol	16.188	330	142784	134.826	ng		0.00
45) 2-Fluorobiphenyl	13.315	172	632780	115.140	ng		0.00
79) Terphenyl-d14	20.059	244	1019539	126.510	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	43323	55.193	ng		96
3) Pyridine	3.869	79	122816m	61.401	ng		
4) n-Nitrosodimethylamine	3.787	42	65400	66.580	ng	#	76
6) Aniline	7.364	93	156132	57.212	ng		95
8) 2-Chlorophenol	7.605	128	108070	60.826	ng		92
9) Benzaldehyde	7.176	77	86147	51.391	ng	#	88
10) Phenol	7.229	94	143650	59.763	ng		95
11) bis(2-Chloroethyl)ether	7.458	93	97304	59.095	ng		91
12) 1,3-Dichlorobenzene	7.934	146	122678	58.396	ng		96
13) 1,4-Dichlorobenzene	8.081	146	124285	59.412	ng		94
14) 1,2-Dichlorobenzene	8.398	146	115786	57.295	ng		95
15) Benzyl Alcohol	8.281	79	128716	62.404	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.575	45	108615	56.472	ng		97
17) 2-Methylphenol	8.486	107	98207	61.366	ng		99
18) Hexachloroethane	9.133	117	46265	56.906	ng		93
19) n-Nitroso-di-n-propyla...	8.856	70	98180	59.218	ng		95
20) 3+4-Methylphenols	8.821	107	133881	61.047	ng		98
22) Acetophenone	8.874	105	183606	59.816	ng	#	98
24) Nitrobenzene	9.256	77	163101	60.701	ng		96
25) Isophorone	9.785	82	274075	60.463	ng		98
26) 2-Nitrophenol	9.973	139	64307	65.933	ng		99
27) 2,4-Dimethylphenol	10.031	122	85685	54.952	ng		95
28) bis(2-Chloroethoxy)met...	10.260	93	120304	59.485	ng	#	92
29) 2,4-Dichlorophenol	10.513	162	114464	63.305	ng		91
30) 1,2,4-Trichlorobenzene	10.725	180	124284	60.861	ng		98
31) Naphthalene	10.918	128	358587	59.318	ng		98
32) Benzoic acid	10.213	122	69629	67.963	ng	#	82
33) 4-Chloroaniline	11.024	127	144813	62.773	ng		97
34) Hexachlorobutadiene	11.200	225	90055	61.542	ng	#	91
35) Caprolactam	11.811	113	35658	63.507	ng	#	73
36) 4-Chloro-3-methylphenol	12.146	107	135313	63.451	ng	#	95
37) 2-Methylnaphthalene	12.522	142	271616	61.561	ng		98
38) 1-Methylnaphthalene	12.739	142	251012	59.502	ng		94
40) 1,2,4,5-Tetrachloroben...	12.892	216	138976	59.429	ng		98
43) 2,4,6-Trichlorophenol	13.127	196	96829	63.486	ng		92
44) 2,4,5-Trichlorophenol	13.204	196	104606	63.400	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.527	154	332003	57.267	ng		97
47) 2-Chloronaphthalene	13.574	162	264920	59.492	ng		98
48) 2-Nitroaniline	13.779	65	100713	64.991	ng		94
49) Acenaphthylene	14.420	152	417477	57.824	ng		97
50) Dimethylphthalate	14.149	163	349967	60.918	ng		100
51) 2,6-Dinitrotoluene	14.273	165	77662	62.262	ng		96
52) Acenaphthene	14.760	154	251316	57.672	ng		91
53) 3-Nitroaniline	14.602	138	77497	61.963	ng		95
54) 2,4-Dinitrophenol	14.813	184	48401	92.194	ng		95
55) Dibenzofuran	15.095	168	405348	57.969	ng		93
56) 4-Nitrophenol	14.913	139	60124	60.942	ng		91
57) 2,4-Dinitrotoluene	15.060	165	111277	64.550	ng		93
58) Fluorene	15.747	166	326985	57.708	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.324	232	93859	62.227	ng		93
60) Diethylphthalate	15.506	149	349709	60.601	ng		97
61) 4-Chlorophenyl-phenyle...	15.735	204	177914	61.731	ng		91
62) 4-Nitroaniline	15.771	138	76818	58.354	ng		92
63) Azobenzene	16.029	77	371465	58.129	ng		89
65) 4,6-Dinitro-2-methylph...	15.824	198	72545	78.188	ng		87
66) n-Nitrosodiphenylamine	15.953	169	284866	57.905	ng		98
67) 4-Bromophenyl-phenylether	16.628	248	116987	60.306	ng		95
68) Hexachlorobenzene	16.752	284	130577	59.443	ng		99
69) Atrazine	16.899	200	111971	57.440	ng		95
70) Pentachlorophenol	17.098	266	77511	78.511	ng		99
71) Phenanthrene	17.492	178	517355	56.193	ng		99
72) Anthracene	17.580	178	521077	57.584	ng		97
73) Carbazole	17.850	167	490124	56.944	ng		96
74) Di-n-butylphthalate	18.402	149	571996	58.278	ng		99
75) Fluoranthene	19.501	202	643954	56.176	ng		99
77) Benzidine	19.677	184	189801	43.572	ng		97
78) Pyrene	19.865	202	638170	61.776	ng		97
80) Butylbenzylphthalate	20.740	149	249950	66.548	ng		98
81) Benzo(a)anthracene	21.710	228	609855	61.173	ng		99
82) 3,3'-Dichlorobenzidine	21.622	252	181851	63.229	ng		96
83) Chrysene	21.780	228	577146	60.031	ng		98
84) Bis(2-ethylhexyl)phtha...	21.604	149	354899	63.008	ng		97
85) Di-n-octyl phthalate	22.838	149	595637	61.222	ng		99
87) Indeno(1,2,3-cd)pyrene	28.765	276	712099	60.224	ng	#	95
88) Benzo(b)fluoranthene	23.971	252	659629	61.287	ng	#	95
89) Benzo(k)fluoranthene	24.036	252	610074	60.939	ng	#	99
90) Benzo(a)pyrene	24.858	252	595228	61.016	ng		98
91) Dibenzo(a,h)anthracene	28.835	278	597489	60.171	ng	#	98
92) Benzo(g,h,i)perylene	29.940	276	586171	59.656	ng		97

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

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