Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
Data File : BG053420.D
Acq On : 3 May 2022 16:52
Operator : CG/JU
Sample : N2641-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 04 06:06:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 06:03:03 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
05/04/2022
Supervised By :Jagrut Upadhyay
05/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	17537	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	74391	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	59337	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	161252	20.000	ng	0.00
76) Chrysene-d12	21.757	240	160603	20.000	ng	0.00
86) Perylene-d12	25.041	264	175794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	170382	166.543	ng	0.00
7) Phenol-d6	7.265	99	228089	144.575	ng	0.00
23) Nitrobenzene-d5	9.262	82	193573	105.654	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	166831	176.723	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	443367	103.032	ng	0.00
79) Terphenyl-d14	20.071	244	1022718	107.549	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.553	88	25133	51.442	ng	# 1
3) Pyridine	3.958	79	56149	43.575	ng	# 86
4) n-Nitrosodimethylamine	3.858	42	39061	61.214	ng	82
6) Aniline	7.424	93	73242	40.058	ng	97
8) 2-Chlorophenol	7.670	128	71470	64.710	ng	92
9) Benzaldehyde	7.236	77	46906m	49.739	ng	
10) Phenol	7.289	94	83414	53.117	ng	90
11) bis(2-Chloroethyl)ether	7.512	93	69828	61.684	ng	90
12) 1,3-Dichlorobenzene	7.994	146	76281	59.436	ng	# 94
13) 1,4-Dichlorobenzene	8.135	146	77718	59.398	ng	90
14) 1,2-Dichlorobenzene	8.458	146	75514	59.849	ng	97
15) Benzyl Alcohol	8.340	79	86004m	61.330	ng	
16) 2,2'-oxybis(1-Chloropr...	8.628	45	116367	61.572	ng	97
17) 2-Methylphenol	8.546	107	66020	62.126	ng	95
18) Hexachloroethane	9.192	117	28758	58.612	ng	97
19) n-Nitroso-di-n-propyla...	8.904	70	68297	59.131	ng	# 89
20) 3+4-Methylphenols	8.869	107	89709	59.800	ng	94
22) Acetophenone	8.922	105	120751	58.509	ng	94
24) Nitrobenzene	9.304	77	103751	58.219	ng	91
25) Isophorone	9.826	82	193127	62.017	ng	98
26) 2-Nitrophenol	10.020	139	42525	57.066	ng	# 82
27) 2,4-Dimethylphenol	10.079	122	74689	69.983	ng	88
28) bis(2-Chloroethoxy)met...	10.308	93	100957	57.706	ng	98
29) 2,4-Dichlorophenol	10.561	162	82458	61.459	ng	97
30) 1,2,4-Trichlorobenzene	10.772	180	83356	54.894	ng	93
31) Naphthalene	10.960	128	228148	57.484	ng	98
32) Benzoic acid	10.232	122	28744m	41.884	ng	
33) 4-Chloroaniline	11.072	127	30751	18.093	ng	# 94
34) Hexachlorobutadiene	11.248	225	60005	53.197	ng	98
35) Caprolactam	11.841	113	23180m	49.015	ng	
36) 4-Chloro-3-methylphenol	12.188	107	99088	63.437	ng	91
37) 2-Methylnaphthalene	12.564	142	172833	58.851	ng	97
38) 1-Methylnaphthalene	12.775	142	163693m	57.103	ng	
40) 1,2,4,5-Tetrachloroben...	12.928	216	109777	54.472	ng	98
41) Hexachlorocyclopentadiene	12.905	237	98837	95.005	ng	95
43) 2,4,6-Trichlorophenol	13.169	196	79168	56.977	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	87174	58.875	ng		97
46) 1,1'-Biphenyl	13.557	154	242591	56.772	ng		97
47) 2-Chloronaphthalene	13.604	162	189374	55.549	ng		96
48) 2-Nitroaniline	13.803	65	82865	64.049	ng		96
49) Acenaphthylene	14.450	152	335591	62.884	ng		97
50) Dimethylphthalate	14.173	163	286696	60.408	ng		99
51) 2,6-Dinitrotoluene	14.291	165	62857	63.485	ng	#	80
52) Acenaphthene	14.790	154	233323m	64.471	ng		
53) 3-Nitroaniline	14.626	138	46112	44.045	ng		92
54) 2,4-Dinitrophenol	14.843	184	58836	93.393	ng	#	92
55) Dibenzofuran	15.125	168	333490	58.849	ng		99
56) 4-Nitrophenol	14.943	139	90131	112.879	ng	#	78
57) 2,4-Dinitrotoluene	15.084	165	93250	66.153	ng	#	83
58) Fluorene	15.771	166	281533	61.511	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.354	232	87767	61.038	ng		98
60) Diethylphthalate	15.530	149	307076	61.753	ng		99
61) 4-Chlorophenyl-phenyle...	15.760	204	152912	58.936	ng		98
62) 4-Nitroaniline	15.789	138	69152	62.595	ng	#	83
63) Azobenzene	16.053	77	302169	60.271	ng		98
65) 4,6-Dinitro-2-methylph...	15.854	198	51929	46.159	ng		95
66) n-Nitrosodiphenylamine	15.971	169	258125	55.665	ng		99
67) 4-Bromophenyl-phenylether	16.652	248	113242	54.807	ng		97
68) Hexachlorobenzene	16.782	284	125808	56.224	ng		93
69) Atrazine	16.917	200	113142	62.463	ng		97
70) Pentachlorophenol	17.128	266	124809	102.059	ng		91
71) Phenanthrene	17.516	178	513644	58.316	ng		98
72) Anthracene	17.604	178	514622	58.976	ng		98
73) Carbazole	17.868	167	474072	55.891	ng		100
74) Di-n-butylphthalate	18.421	149	558211	58.027	ng		98
75) Fluoranthene	19.519	202	655896	58.094	ng		100
77) Benzidine	19.695	184	65075m	14.202	ng		
78) Pyrene	19.883	202	659023	57.616	ng		98
80) Butylbenzylphthalate	20.753	149	248557	58.287	ng		96
81) Benzo(a)anthracene	21.734	228	662220	60.307	ng		99
82) 3,3'-Dichlorobenzidine	21.640	252	179011	44.327	ng		97
83) Chrysene	21.804	228	596820	58.563	ng		99
84) Bis(2-ethylhexyl)phtha...	21.622	149	356340	61.820	ng		99
85) Di-n-octyl phthalate	22.850	149	606154	62.878	ng		97
87) Indeno(1,2,3-cd)pyrene	28.818	276	753283	57.676	ng	#	97
88) Benzo(b)fluoranthene	24.001	252	700419	63.149	ng		98
89) Benzo(k)fluoranthene	24.066	252	639123	58.630	ng		99
90) Benzo(a)pyrene	24.894	252	656207	69.447	ng		98
91) Dibenzo(a,h)anthracene	28.877	278	648404	60.320	ng		98
92) Benzo(g,h,i)perylene	30.011	276	644606	60.840	ng		97

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

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