Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053289.D
Acq On : 23 Apr 2022 12:31
Operator : CG/JU
Sample : N2526-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 24 02:48:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MH-5SMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

04/25/2022
Supervised By :Jagrut Upadhyay

04/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	24152	20.000	ng		0.00
21) Naphthalene-d8	10.918	136	106545	20.000	ng		0.00
39) Acenaphthene-d10	14.730	164	81460	20.000	ng		0.00
64) Phenanthrene-d10	17.474	188	194999	20.000	ng		0.00
76) Chrysene-d12	21.762	240	188712	20.000	ng		0.00
86) Perylene-d12	25.052	264	202388	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.672	112	206260	146.393	ng		0.00
7) Phenol-d6	7.270	99	299164	137.689	ng		0.00
23) Nitrobenzene-d5	9.267	82	210447	80.200	ng		0.00
42) 2,4,6-Tribromophenol	16.223	330	156845	121.023	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	478147	80.938	ng		0.00
79) Terphenyl-d14	20.076	244	921329	82.456	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.551	88	30322	45.065	ng		96
3) Pyridine	3.951	79	75384	42.479	ng		89
4) n-Nitrosodimethylamine	3.863	42	47254	53.771	ng	#	91
6) Aniline	7.429	93	114521	45.480	ng		97
8) 2-Chlorophenol	7.675	128	89674	58.954	ng		95
9) Benzaldehyde	7.241	77	66769m	51.410	ng		
10) Phenol	7.299	94	125462	58.011	ng		87
11) bis(2-Chloroethyl)ether	7.517	93	83036	53.262	ng		91
12) 1,3-Dichlorobenzene	7.998	146	92979	52.604	ng		95
13) 1,4-Dichlorobenzene	8.145	146	93570	51.927	ng		96
14) 1,2-Dichlorobenzene	8.463	146	93565	53.845	ng		97
15) Benzyl Alcohol	8.345	79	104822m	54.277	ng		
16) 2,2'-oxybis(1-Chloropr...	8.633	45	138058	53.041	ng		97
17) 2-Methylphenol	8.551	107	86094	58.826	ng		96
18) Hexachloroethane	9.191	117	36008	53.288	ng		92
19) n-Nitroso-di-n-propyla...	8.909	70	82046	51.579	ng	#	92
20) 3+4-Methylphenols	8.874	107	116810	56.539	ng		96
22) Acetophenone	8.927	105	142550	48.226	ng		94
24) Nitrobenzene	9.314	77	126823	49.689	ng		90
25) Isophorone	9.837	82	230605	51.704	ng	#	96
26) 2-Nitrophenol	10.031	139	52818	49.489	ng		96
27) 2,4-Dimethylphenol	10.084	122	91605	59.930	ng		92
28) bis(2-Chloroethoxy)met...	10.313	93	121412	48.455	ng		99
29) 2,4-Dichlorophenol	10.566	162	100200	52.144	ng		100
30) 1,2,4-Trichlorobenzene	10.783	180	102429	47.097	ng		94
31) Naphthalene	10.971	128	278705	49.030	ng		99
32) Benzoic acid	10.242	122	39449m	40.287	ng		
33) 4-Chloroaniline	11.077	127	80401	33.029	ng		95
34) Hexachlorobutadiene	11.259	225	74703	46.241	ng		99
35) Caprolactam	11.846	113	33663m	49.700	ng		
36) 4-Chloro-3-methylphenol	12.193	107	113955	50.938	ng		94
37) 2-Methylnaphthalene	12.569	142	209200	49.736	ng		95
38) 1-Methylnaphthalene	12.786	142	200019m	48.717	ng		
40) 1,2,4,5-Tetrachloroben...	12.939	216	133531	48.264	ng		99
41) Hexachlorocyclopentadiene	12.915	237	144005	100.829	ng		93
43) 2,4,6-Trichlorophenol	13.174	196	91984	48.222	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	98829	48.620	ng		96
46) 1,1'-Biphenyl	13.567	154	290993	49.605	ng		98
47) 2-Chloronaphthalene	13.614	162	222755	47.595	ng		95
48) 2-Nitroaniline	13.808	65	87079	49.027	ng		92
49) Acenaphthylene	14.454	152	382008	52.141	ng		99
50) Dimethylphthalate	14.178	163	309086	47.439	ng		100
51) 2,6-Dinitrotoluene	14.302	165	67668	49.783	ng	#	83
52) Acenaphthene	14.795	154	261419m	52.617	ng		
53) 3-Nitroaniline	14.631	138	49627	34.528	ng		91
54) 2,4-Dinitrophenol	14.842	184	63298	73.188	ng		94
55) Dibenzofuran	15.130	168	372344	47.861	ng		96
56) 4-Nitrophenol	14.948	139	106612	97.259	ng	#	74
57) 2,4-Dinitrotoluene	15.089	165	95602	49.403	ng		86
58) Fluorene	15.776	166	303651	48.326	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.359	232	95690	48.475	ng		98
60) Diethylphthalate	15.535	149	322729	47.275	ng		98
61) 4-Chlorophenyl-phenyle...	15.764	204	170025	47.734	ng		98
62) 4-Nitroaniline	15.800	138	69449	45.791	ng	#	83
63) Azobenzene	16.058	77	320739	46.601	ng		97
65) 4,6-Dinitro-2-methylph...	15.858	198	55206	40.579	ng		94
66) n-Nitrosodiphenylamine	15.982	169	271132	48.351	ng		98
67) 4-Bromophenyl-phenylether	16.657	248	122459	49.011	ng		95
68) Hexachlorobenzene	16.787	284	133283	49.257	ng		95
69) Atrazine	16.922	200	118422	54.064	ng		96
70) Pentachlorophenol	17.133	266	147513	99.749	ng		91
71) Phenanthrene	17.521	178	519581	48.781	ng		98
72) Anthracene	17.609	178	521795	49.450	ng		100
73) Carbazole	17.879	167	470468	45.867	ng		100
74) Di-n-butylphthalate	18.425	149	554099	47.631	ng		99
75) Fluoranthene	19.524	202	658311	48.217	ng		99
77) Benzidine	19.700	184	320425	59.511	ng		99
78) Pyrene	19.888	202	658486	48.994	ng		99
80) Butylbenzylphthalate	20.764	149	241958	48.288	ng		99
81) Benzo(a)anthracene	21.739	228	640847	49.667	ng		99
82) 3,3'-Dichlorobenzidine	21.645	252	139129	29.320	ng		99
83) Chrysene	21.809	228	583830	48.755	ng		99
84) Bis(2-ethylhexyl)phtha...	21.633	149	339861	50.179	ng		100
85) Di-n-octyl phthalate	22.861	149	575896	50.841	ng		96
87) Indeno(1,2,3-cd)pyrene	28.841	276	724895	48.210	ng	#	97
88) Benzo(b)fluoranthene	24.012	252	661957	51.839	ng		97
89) Benzo(k)fluoranthene	24.077	252	633405	50.470	ng		96
90) Benzo(a)pyrene	24.905	252	642735	59.083	ng		96
91) Dibenzo(a,h)anthracene	28.894	278	626193	50.599	ng		97
92) Benzo(g,h,i)perylene	30.016	276	626153	51.333	ng		97

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

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