Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053614.D
Acq On : 18 May 2022 22:02
Operator : CG/JU
Sample : N2907-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 19 05:13:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
GC-2MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.076	152	23757	20.000	ng		-0.01
21) Naphthalene-d8	10.890	136	96994	20.000	ng		0.00
39) Acenaphthene-d10	14.708	164	77603	20.000	ng		0.00
64) Phenanthrene-d10	17.451	188	195633	20.000	ng		0.00
76) Chrysene-d12	21.734	240	190991	20.000	ng		0.00
86) Perylene-d12	25.012	264	203304	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.650	112	125046	89.329	ng		0.00
7) Phenol-d6	7.247	99	187238	88.134	ng		0.00
23) Nitrobenzene-d5	9.245	82	126774	55.638	ng		0.00
42) 2,4,6-Tribromophenol	16.194	330	98742	86.271	ng		0.00
45) 2-Fluorobiphenyl	13.327	172	273497	51.500	ng		0.00
79) Terphenyl-d14	20.054	244	575224	56.094	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	28208	38.406	ng		95
3) Pyridine	3.923	79	67620m	37.699	ng		
4) n-Nitrosodimethylamine	3.834	42	44054	50.419	ng	#	96
6) Aniline	7.400	93	105571	44.867	ng		98
8) 2-Chlorophenol	7.647	128	77451	52.926	ng		98
9) Benzaldehyde	7.212	77	63955m	47.387	ng		
10) Phenol	7.271	94	105643	50.844	ng		93
11) bis(2-Chloroethyl)ether	7.488	93	72303	46.658	ng		93
12) 1,3-Dichlorobenzene	7.970	146	79738m	46.188	ng		
13) 1,4-Dichlorobenzene	8.117	146	81080	46.541	ng		97
14) 1,2-Dichlorobenzene	8.434	146	78000	47.680	ng		99
15) Benzyl Alcohol	8.317	79	79462m	44.739	ng		
16) 2,2'-oxybis(1-Chloropr...	8.604	45	119310	47.306	ng		99
17) 2-Methylphenol	8.528	107	70918	50.499	ng		96
18) Hexachloroethane	9.162	117	31630	47.811	ng		97
19) n-Nitroso-di-n-propyla...	8.881	70	70742	46.410	ng		96
20) 3+4-Methylphenols	8.851	107	95726	48.264	ng		98
22) Acetophenone	8.898	105	121328	45.705	ng	#	97
24) Nitrobenzene	9.280	77	107783	48.874	ng		98
25) Isophorone	9.803	82	196734	51.304	ng		99
26) 2-Nitrophenol	10.003	139	43574	48.784	ng		96
27) 2,4-Dimethylphenol	10.055	122	76300	56.762	ng		97
28) bis(2-Chloroethoxy)met...	10.285	93	102270	46.371	ng		99
29) 2,4-Dichlorophenol	10.543	162	83589	51.524	ng		94
30) 1,2,4-Trichlorobenzene	10.754	180	85310	46.282	ng		98
31) Naphthalene	10.942	128	231683	46.958	ng		99
32) Benzoic acid	10.226	122	33042m	40.858	ng		
33) 4-Chloroaniline	11.054	127	34732	16.809	ng		96
34) Hexachlorobutadiene	11.224	225	61974	45.341	ng		96
35) Caprolactam	11.824	113	29072m	49.312	ng		
36) 4-Chloro-3-methylphenol	12.176	107	96496	49.725	ng		98
37) 2-Methylnaphthalene	12.540	142	169102	45.926	ng		98
38) 1-Methylnaphthalene	12.758	142	164459	45.780	ng		97
40) 1,2,4,5-Tetrachloroben...	12.910	216	110182	45.043	ng		99
41) Hexachlorocyclopentadiene	12.887	237	103069	100.855	ng		98
43) 2,4,6-Trichlorophenol	13.145	196	76817	48.109	ng		98

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44) 2,4,5-Trichlorophenol	13.233	196	84793	49.896	ng		97
46) 1,1'-Biphenyl	13.539	154	242333	45.812	ng		98
47) 2-Chloronaphthalene	13.586	162	188544	45.494	ng		99
48) 2-Nitroaniline	13.786	65	77949	50.476	ng		99
49) Acenaphthylene	14.432	152	322829	48.815	ng		98
50) Dimethylphthalate	14.156	163	270575	45.883	ng		99
51) 2,6-Dinitrotoluene	14.279	165	57594	47.938	ng		99
52) Acenaphthene	14.773	154	183159	46.473	ng		99
53) 3-Nitroaniline	14.608	138	39995	30.810	ng		99
54) 2,4-Dinitrophenol	14.825	184	51311	68.274	ng		95
55) Dibenzofuran	15.102	168	312296	44.115	ng		95
56) 4-Nitrophenol	14.931	139	92632	99.906	ng		87
57) 2,4-Dinitrotoluene	15.066	165	86065	49.421	ng	#	88
58) Fluorene	15.754	166	261493	46.030	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.336	232	81713	47.391	ng		98
60) Diethylphthalate	15.513	149	281638	46.234	ng		98
61) 4-Chlorophenyl-phenyle...	15.736	204	144605	45.616	ng		98
62) 4-Nitroaniline	15.777	138	62762	46.614	ng		99
63) Azobenzene	16.030	77	285728	45.806	ng		99
65) 4,6-Dinitro-2-methylph...	15.836	198	50369	43.208	ng		98
66) n-Nitrosodiphenylamine	15.953	169	240748	46.871	ng		99
67) 4-Bromophenyl-phenylether	16.635	248	104394	45.691	ng		98
68) Hexachlorobenzene	16.764	284	115890	46.314	ng		98
69) Atrazine	16.899	200	104076	48.131	ng		97
70) Pentachlorophenol	17.111	266	116523	86.095	ng		96
71) Phenanthrene	17.492	178	457546	45.996	ng		98
72) Anthracene	17.586	178	462185	47.270	ng		100
73) Carbazole	17.857	167	429438	44.814	ng		100
74) Di-n-butylphthalate	18.403	149	502639	46.639	ng		99
75) Fluoranthene	19.501	202	594330	46.143	ng		99
77) Benzidine	19.678	184	353325	85.830	ng		99
78) Pyrene	19.866	202	592672	47.936	ng		99
80) Butylbenzylphthalate	20.735	149	216423	47.736	ng		94
81) Benzo(a)anthracene	21.716	228	590563	48.479	ng		100
82) 3,3'-Dichlorobenzidine	21.622	252	131191	42.468	ng		96
83) Chrysene	21.781	228	534522	46.981	ng		99
84) Bis(2-ethylhexyl)phtha...	21.604	149	307086	49.074	ng		98
85) Di-n-octyl phthalate	22.826	149	521235	49.259	ng		100
87) Indeno(1,2,3-cd)pyrene	28.771	276	656916	46.393	ng	#	94
88) Benzo(b)fluoranthene	23.972	252	614756	51.085	ng		99
89) Benzo(k)fluoranthene	24.036	252	564901	47.771	ng		99
90) Benzo(a)pyrene	24.859	252	573827	56.023	ng		98
91) Dibenzo(a,h)anthracene	28.818	278	567791	48.664	ng		99
92) Benzo(g,h,i)perylene	29.946	276	572100	49.467	ng		97

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

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