Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053221.D
Acq On : 20 Apr 2022 18:35
Operator : CG/JU
Sample : N2468-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-15-1-6MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 21 06:04:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.113	152	35375	20.000	ng		0.00
21) Naphthalene-d8	10.927	136	130868	20.000	ng	#	0.00
39) Acenaphthene-d10	14.740	164	93994	20.000	ng		0.00
64) Phenanthrene-d10	17.483	188	213312	20.000	ng		0.00
76) Chrysene-d12	21.771	240	208285	20.000	ng		0.00
86) Perylene-d12	25.067	264	200778	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	274583	133.056	ng		0.00
7) Phenol-d6	7.279	99	364879	114.656	ng		0.00
23) Nitrobenzene-d5	9.277	82	292438	90.733	ng		0.00
42) 2,4,6-Tribromophenol	16.226	330	202555	135.451	ng		0.00
45) 2-Fluorobiphenyl	13.365	172	623484	91.466	ng		0.00
79) Terphenyl-d14	20.085	244	1101164	89.289	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.573	88	36162	36.693	ng	#	15
3) Pyridine	3.984	79	83879	32.270	ng	#	87
4) n-Nitrosodimethylamine	3.878	42	59497	46.223	ng		85
6) Aniline	7.444	93	44271	12.003	ng		92
8) 2-Chlorophenol	7.685	128	109986	49.368	ng		94
9) Benzaldehyde	7.244	77	49040m	25.780	ng		
10) Phenol	7.309	94	132867	41.944	ng		90
11) bis(2-Chloroethyl)ether	7.526	93	105921	46.386	ng		92
12) 1,3-Dichlorobenzene	8.008	146	118395m	45.732	ng		
13) 1,4-Dichlorobenzene	8.149	146	119846	45.408	ng		94
14) 1,2-Dichlorobenzene	8.472	146	117419	46.135	ng		100
15) Benzyl Alcohol	8.348	79	118993m	42.067	ng		
16) 2,2'-oxybis(1-Chloropr...	8.636	45	167716	43.993	ng		99
17) 2-Methylphenol	8.560	107	98252	45.835	ng		94
18) Hexachloroethane	9.206	117	45839	46.315	ng		94
19) n-Nitroso-di-n-propyla...	8.918	70	101013	43.356	ng		94
20) 3+4-Methylphenols	8.889	107	132023	43.629	ng		93
22) Acetophenone	8.936	105	176502	48.614	ng		95
24) Nitrobenzene	9.324	77	154362	49.238	ng		93
25) Isophorone	9.841	82	270765	49.425	ng		98
26) 2-Nitrophenol	10.034	139	62863	47.953	ng	#	89
27) 2,4-Dimethylphenol	10.093	122	108044	57.547	ng		94
28) bis(2-Chloroethoxy)met...	10.322	93	140456	45.637	ng		100
29) 2,4-Dichlorophenol	10.575	162	116558	49.383	ng		94
30) 1,2,4-Trichlorobenzene	10.792	180	127107	47.582	ng		95
31) Naphthalene	10.980	128	337311	48.311	ng		99
32) Benzoic acid	10.252	122	64236	52.226	ng	#	84
33) 4-Chloroaniline	11.086	127	8250	2.759	ng	#	92
34) Hexachlorobutadiene	11.262	225	94226	47.485	ng		97
35) Caprolactam	11.861	113	29205m	35.104	ng		
36) 4-Chloro-3-methylphenol	12.202	107	130585	47.523	ng		93
37) 2-Methylnaphthalene	12.578	142	238586	46.180	ng		97
38) 1-Methylnaphthalene	12.795	142	230048	45.617	ng		91
40) 1,2,4,5-Tetrachloroben...	12.942	216	154713	48.463	ng		99
41) Hexachlorocyclopentadiene	12.925	237	199663	121.157	ng		92
43) 2,4,6-Trichlorophenol	13.177	196	105803	48.070	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.254	196	113575	48.423	ng		95
46) 1,1'-Biphenyl	13.577	154	325115	48.031	ng		99
47) 2-Chloronaphthalene	13.618	162	255859	47.378	ng		95
48) 2-Nitroaniline	13.812	65	92637	45.202	ng		86
49) Acenaphthylene	14.464	152	421667	49.880	ng		99
50) Dimethylphthalate	14.188	163	343486	45.689	ng		99
51) 2,6-Dinitrotoluene	14.305	165	73751	47.023	ng	#	81
52) Acenaphthene	14.804	154	316218m	55.159	ng		
53) 3-Nitroaniline	14.634	138	11713	7.063	ng	#	75
54) 2,4-Dinitrophenol	14.846	184	104891	105.108	ng	#	82
55) Dibenzofuran	15.139	168	409533	45.622	ng		96
56) 4-Nitrophenol	14.957	139	115895	91.629	ng	#	81
57) 2,4-Dinitrotoluene	15.098	165	104698	46.889	ng	#	85
58) Fluorene	15.785	166	332475	45.857	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.362	232	103274	45.340	ng		98
60) Diethylphthalate	15.545	149	346948	44.046	ng		98
61) 4-Chlorophenyl-phenyle...	15.774	204	184415	44.870	ng		97
62) 4-Nitroaniline	15.803	138	52179	29.816	ng	#	80
63) Azobenzene	16.067	77	345240	43.472	ng		99
65) 4,6-Dinitro-2-methylph...	15.862	198	70112	47.111	ng		92
66) n-Nitrosodiphenylamine	15.985	169	246888	40.248	ng		94
67) 4-Bromophenyl-phenylether	16.667	248	129764	47.476	ng		98
68) Hexachlorobenzene	16.796	284	142238	48.053	ng		94
69) Atrazine	16.925	200	56378	23.529	ng		95
70) Pentachlorophenol	17.137	266	176379	109.029	ng		93
71) Phenanthrene	17.524	178	552905	47.454	ng		97
72) Anthracene	17.618	178	560552	48.562	ng		99
73) Carbazole	17.883	167	442377	39.426	ng		99
74) Di-n-butylphthalate	18.435	149	585066	45.975	ng		98
75) Fluoranthene	19.533	202	690996	46.266	ng		98
77) Benzidine	19.733	184	26117m	4.395	ng		
78) Pyrene	19.898	202	690077	46.520	ng		99
80) Butylbenzylphthalate	20.767	149	256012	46.292	ng		96
81) Benzo(a)anthracene	21.748	228	670691	47.096	ng		99
82) 3,3'-Dichlorobenzidine	21.660	252	15710m	3.000	ng		
83) Chrysene	21.818	228	618519	46.798	ng		100
84) Bis(2-ethylhexyl)phtha...	21.642	149	352751	47.188	ng		98
85) Di-n-octyl phthalate	22.876	149	600566	48.036	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.862	276	750283	50.298	ng		98
88) Benzo(b)fluoranthene	24.021	252	686571	54.198	ng		98
89) Benzo(k)fluoranthene	24.092	252	659438	52.966	ng		98
90) Benzo(a)pyrene	24.914	252	645223	59.788	ng		99
91) Dibenzo(a,h)anthracene	28.921	278	656894	53.505	ng		97
92) Benzo(g,h,i)perylene	30.043	276	637546	52.686	ng		99

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

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