Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053698.D
Acq On : 25 May 2022 17:52
Operator : CG/JU
Sample : N2923-13MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 26 02:52:16 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 25 15:11:41 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
05/26/2022
Supervised By :Jagrut Upadhyay
05/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	22056	20.000	ng		0.00
21) Naphthalene-d8	10.795	136	92384	20.000	ng	#	0.00
39) Acenaphthene-d10	14.625	164	74576	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	195602	20.000	ng		0.00
76) Chrysene-d12	21.639	240	190907	20.000	ng		0.00
86) Perylene-d12	24.841	264	197405	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.555	112	133499	102.723	ng		0.00
7) Phenol-d6	7.165	99	203792	103.325	ng		0.00
23) Nitrobenzene-d5	9.150	82	134227	61.849	ng		0.00
42) 2,4,6-Tribromophenol	16.117	330	111589	101.453	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	317307	62.175	ng		0.00
79) Terphenyl-d14	19.977	244	689670	67.284	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	24356	35.719	ng	#	91
3) Pyridine	3.805	79	63415	38.081	ng		97
4) n-Nitrosodimethylamine	3.716	42	36048	44.438	ng		91
6) Aniline	7.312	93	78807	36.075	ng		99
8) 2-Chlorophenol	7.558	128	71314	52.490	ng		94
9) Benzaldehyde	7.118	77	55625	44.393	ng		97
10) Phenol	7.188	94	103652	53.733	ng		97
11) bis(2-Chloroethyl)ether	7.400	93	67006	46.575	ng		99
12) 1,3-Dichlorobenzene	7.876	146	73729	46.001	ng		97
13) 1,4-Dichlorobenzene	8.022	146	76361	47.213	ng		97
14) 1,2-Dichlorobenzene	8.340	146	73210	48.203	ng		99
15) Benzyl Alcohol	8.228	79	82740	50.177	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	107493	45.907	ng		97
17) 2-Methylphenol	8.445	107	67955	52.121	ng		96
18) Hexachloroethane	9.074	117	27397	44.607	ng		93
19) n-Nitroso-di-n-propyla...	8.792	70	65720	46.441	ng		99
20) 3+4-Methylphenols	8.768	107	93710	50.891	ng		97
22) Acetophenone	8.810	105	116673	46.145	ng	#	95
24) Nitrobenzene	9.197	77	100210	47.707	ng		98
25) Isophorone	9.720	82	183755	50.310	ng		100
26) 2-Nitrophenol	9.908	139	41671	48.981	ng		95
27) 2,4-Dimethylphenol	9.973	122	73106	57.100	ng		99
28) bis(2-Chloroethoxy)met...	10.196	93	95262	45.349	ng		99
29) 2,4-Dichlorophenol	10.454	162	80667	52.204	ng		94
30) 1,2,4-Trichlorobenzene	10.666	180	80261	45.715	ng		98
31) Naphthalene	10.848	128	221546	47.144	ng		98
32) Benzoic acid	10.155	122	31084	40.459	ng		93
33) 4-Chloroaniline	10.960	127	52202	26.525	ng		97
34) Hexachlorobutadiene	11.136	225	58229	44.727	ng		97
35) Caprolactam	11.741	113	29850m	53.158	ng		
36) 4-Chloro-3-methylphenol	12.093	107	95415	51.621	ng		96
37) 2-Methylnaphthalene	12.452	142	163643	46.662	ng		100
38) 1-Methylnaphthalene	12.675	142	155395	45.415	ng		97
40) 1,2,4,5-Tetrachloroben...	12.828	216	106253	45.200	ng		98
41) Hexachlorocyclopentadiene	12.804	237	82267	85.264	ng		96
43) 2,4,6-Trichlorophenol	13.069	196	74108	48.296	ng		93

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44) 2,4,5-Trichlorophenol	13.151	196	81734	50.048	ng		97
46) 1,1'-Biphenyl	13.456	154	229796	45.205	ng		98
47) 2-Chloronaphthalene	13.503	162	180259	45.260	ng		99
48) 2-Nitroaniline	13.709	65	73614	49.604	ng		96
49) Acenaphthylene	14.349	152	310496	48.856	ng		99
50) Dimethylphthalate	14.079	163	260549	45.976	ng		99
51) 2,6-Dinitrotoluene	14.202	165	55098	47.722	ng		96
52) Acenaphthene	14.690	154	174639	46.110	ng		96
53) 3-Nitroaniline	14.537	138	39786	31.893	ng		94
54) 2,4-Dinitrophenol	14.754	184	64944	87.942	ng		96
55) Dibenzofuran	15.025	168	305533	44.911	ng		100
56) 4-Nitrophenol	14.866	139	90016	101.026	ng		96
57) 2,4-Dinitrotoluene	14.995	165	83505	49.897	ng		92
58) Fluorene	15.671	166	254620	46.639	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.260	232	79306	47.862	ng		96
60) Diethylphthalate	15.436	149	274312	46.860	ng		99
61) 4-Chlorophenyl-phenyle...	15.659	204	140419	46.094	ng		99
62) 4-Nitroaniline	15.700	138	62656	48.424	ng		92
63) Azobenzene	15.953	77	274195	45.742	ng		99
65) 4,6-Dinitro-2-methylph...	15.765	198	53403	45.818	ng		98
66) n-Nitrosodiphenylamine	15.876	169	233069	45.383	ng		98
67) 4-Bromophenyl-phenylether	16.552	248	100778	44.116	ng		95
68) Hexachlorobenzene	16.687	284	113979	45.558	ng		98
69) Atrazine	16.822	200	103610	47.924	ng		98
70) Pentachlorophenol	17.034	266	109459	81.169	ng		93
71) Phenanthrene	17.416	178	453805	45.627	ng		97
72) Anthracene	17.504	178	461366	47.193	ng		98
73) Carbazole	17.774	167	431724	45.060	ng		99
74) Di-n-butylphthalate	18.326	149	498641	46.275	ng		98
75) Fluoranthene	19.425	202	582148	45.204	ng		98
77) Benzidine	19.601	184	251219	61.053	ng		98
78) Pyrene	19.789	202	580898	47.004	ng		100
80) Butylbenzylphthalate	20.664	149	218849	48.292	ng		99
81) Benzo(a)anthracene	21.616	228	567847	46.635	ng		99
82) 3,3'-Dichlorobenzidine	21.528	252	124315	40.260	ng		96
83) Chrysene	21.686	228	519734	45.702	ng		98
84) Bis(2-ethylhexyl)phtha...	21.510	149	308357	49.299	ng		97
85) Di-n-octyl phthalate	22.708	149	512535	48.458	ng		99
87) Indeno(1,2,3-cd)pyrene	28.524	276	621128	45.177	ng	#	55
88) Benzo(b)fluoranthene	23.825	252	588421	50.358	ng		99
89) Benzo(k)fluoranthene	23.889	252	541915	47.196	ng		100
90) Benzo(a)pyrene	24.694	252	547839	55.084	ng	#	99
91) Dibenzo(a,h)anthracene	28.565	278	544917	48.099	ng		100
92) Benzo(g,h,i)perylene	29.658	276	528223	47.038	ng		97

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

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