Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
Data File : BG057622.D
Acq On : 31 May 2023 15:13
Operator : CG/JU
Sample : 02971-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 01 03:54:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB16MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.336	152	24098	20.000	ng		0.00
21) Naphthalene-d8	11.179	136	95541	20.000	ng		0.00
39) Acenaphthene-d10	14.963	164	68025	20.000	ng		0.00
64) Phenanthrene-d10	17.700	188	168157	20.000	ng		0.00
76) Chrysene-d12	22.006	240	144442	20.000	ng		0.00
86) Perylene-d12	25.495	264	157076	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.863	112	156962	113.159	ng		0.00
7) Phenol-d6	7.490	99	230312	106.096	ng		0.00
23) Nitrobenzene-d5	9.523	82	138364	67.698	ng		0.00
42) 2,4,6-Tribromophenol	16.443	330	104667	96.104	ng		0.00
45) 2-Fluorobiphenyl	13.582	172	324866	68.632	ng		0.00
79) Terphenyl-d14	20.267	244	574193	68.860	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.648	88	25659	44.647	ng		94
3) Pyridine	4.071	79	69999	39.840	ng		98
4) n-Nitrosodimethylamine	3.983	42	34006	47.836	ng		92
6) Aniline	7.655	93	90484	34.456	ng		97
8) 2-Chlorophenol	7.902	128	80391	53.985	ng		96
9) Benzaldehyde	7.467	77	52902	36.783	ng		98
10) Phenol	7.520	94	106479	51.825	ng		99
11) bis(2-Chloroethyl)ether	7.737	93	73653	48.009	ng		97
12) 1,3-Dichlorobenzene	8.225	146	86348	54.427	ng		99
13) 1,4-Dichlorobenzene	8.377	146	87906	54.464	ng		99
14) 1,2-Dichlorobenzene	8.700	146	84005	53.360	ng		97
15) Benzyl Alcohol	8.577	79	83266	49.864	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.853	45	92891	48.762	ng		96
17) 2-Methylphenol	8.783	107	72307	47.923	ng		97
18) Hexachloroethane	9.435	117	30395	54.997	ng		98
19) n-Nitroso-di-n-propyla...	9.141	70	65876	43.681	ng		97
20) 3+4-Methylphenols	9.118	107	99144	46.809	ng		98
22) Acetophenone	9.170	105	123312	48.268	ng	#	98
24) Nitrobenzene	9.564	77	99089	47.762	ng		97
25) Isophorone	10.081	82	180478	44.926	ng		99
26) 2-Nitrophenol	10.281	139	45540	51.195	ng		97
27) 2,4-Dimethylphenol	10.328	122	79436m	51.652	ng		
28) bis(2-Chloroethoxy)met...	10.557	93	101393	48.674	ng		99
29) 2,4-Dichlorophenol	10.827	162	83019	51.397	ng		97
30) 1,2,4-Trichlorobenzene	11.033	180	88772	50.427	ng		98
31) Naphthalene	11.226	128	240366	47.559	ng		97
32) Benzoic acid	10.492	122	44530m	49.435	ng		
33) 4-Chloroaniline	11.338	127	75627	32.539	ng		98
34) Hexachlorobutadiene	11.497	225	61075	50.159	ng		96
35) Caprolactam	12.114	113	28388m	42.395	ng		
36) 4-Chloro-3-methylphenol	12.437	107	91407	47.808	ng		100
37) 2-Methylnaphthalene	12.807	142	176984	44.618	ng		96
38) 1-Methylnaphthalene	13.024	142	165296	43.667	ng		96
40) 1,2,4,5-Tetrachloroben...	13.171	216	117345	52.555	ng		99
41) Hexachlorocyclopentadiene	13.142	237	69674	103.685	ng		97
43) 2,4,6-Trichlorophenol	13.406	196	74660	53.113	ng		98

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44) 2,4,5-Trichlorophenol	13.494	196	82652	49.369	ng		98
46) 1,1'-Biphenyl	13.794	154	249467	51.311	ng		99
47) 2-Chloronaphthalene	13.846	162	189689	51.799	ng		98
48) 2-Nitroaniline	14.046	65	61844	48.212	ng		97
49) Acenaphthylene	14.686	152	301120	48.559	ng		99
50) Dimethylphthalate	14.399	163	253344	45.187	ng		99
51) 2,6-Dinitrotoluene	14.528	165	57514	47.922	ng		94
52) Acenaphthene	15.021	154	183505	48.361	ng		95
53) 3-Nitroaniline	14.869	138	42606	34.036	ng		93
54) 2,4-Dinitrophenol	15.086	184	67166	91.628	ng		98
55) Dibenzofuran	15.356	168	303552	46.818	ng		96
56) 4-Nitrophenol	15.180	139	78226	93.792	ng		95
57) 2,4-Dinitrotoluene	15.321	165	83763	46.614	ng	#	96
58) Fluorene	16.002	166	252403	46.106	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.579	232	72654	46.323	ng		96
60) Diethylphthalate	15.738	149	261512	44.689	ng		99
61) 4-Chlorophenyl-phenyle...	15.979	204	140434	46.030	ng		98
62) 4-Nitroaniline	16.026	138	57445	42.542	ng		98
63) Azobenzene	16.273	77	261796	50.305	ng		99
65) 4,6-Dinitro-2-methylph...	16.090	198	56083	54.775	ng		94
66) n-Nitrosodiphenylamine	16.196	169	222661	50.945	ng		98
67) 4-Bromophenyl-phenylether	16.872	248	96006	50.897	ng		98
68) Hexachlorobenzene	17.007	284	102204	52.564	ng		97
69) Atrazine	17.130	200	102013	54.364	ng		99
70) Pentachlorophenol	17.353	266	92829	93.698	ng		99
71) Phenanthrene	17.741	178	421852	49.023	ng		99
72) Anthracene	17.835	178	425960	48.252	ng		99
73) Carbazole	18.099	167	382681	48.458	ng		99
74) Di-n-butylphthalate	18.611	149	441019	47.042	ng		100
75) Fluoranthene	19.733	202	493479	44.174	ng		100
77) Benzidine	19.897	184	178606	40.863	ng		99
78) Pyrene	20.091	202	500002	48.617	ng		99
80) Butylbenzylphthalate	20.937	149	184369	49.223	ng		99
81) Benzo(a)anthracene	21.982	228	484575	48.357	ng		98
82) 3,3'-Dichlorobenzidine	21.877	252	116531	31.535	ng		98
83) Chrysene	22.053	228	444787	46.969	ng		100
84) Bis(2-ethylhexyl)phtha...	21.818	149	263134	49.250	ng		99
85) Di-n-octyl phthalate	23.110	149	439945	49.677	ng		99
87) Indeno(1,2,3-cd)pyrene	29.549	276	550055	50.227	ng		99
88) Benzo(b)fluoranthene	24.379	252	490727	50.755	ng		98
89) Benzo(k)fluoranthene	24.450	252	473756	48.552	ng		97
90) Benzo(a)pyrene	25.337	252	433201	45.944	ng		99
91) Dibenzo(a,h)anthracene	29.590	278	459617	50.428	ng		98
92) Benzo(g,h,i)perylene	30.812	276	442900	49.827	ng		96

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

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