Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
Data File : BG057454.D
Acq On : 18 May 2023 9:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:20:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	17476	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	67412	20.000	ng	0.00
39) Acenaphthene-d10	14.975	164	51547	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	127861	20.000	ng	0.00
76) Chrysene-d12	22.024	240	117270	20.000	ng	0.00
86) Perylene-d12	25.525	264	128646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	81586	79.859	ng	0.00
7) Phenol-d6	7.497	99	122298	78.832	ng	0.00
23) Nitrobenzene-d5	9.535	82	121203	75.461	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	61867	84.587	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	312235	81.579	ng	0.00
79) Terphenyl-d14	20.285	244	555728	77.335	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.679	88	16195	38.339	ng	96
3) Pyridine	4.101	79	51904	38.235	ng	99
4) n-Nitrosodimethylamine	4.008	42	22185	34.776	ng	88
6) Aniline	7.673	93	74461	37.835	ng	98
8) 2-Chlorophenol	7.914	128	42258	39.145	ng	97
9) Benzaldehyde	7.485	77	29764	35.368	ng	97
10) Phenol	7.526	94	57843	38.248	ng	99
11) bis(2-Chloroethyl)ether	7.761	93	42173	36.982	ng	99
12) 1,3-Dichlorobenzene	8.249	146	46293	38.854	ng	97
13) 1,4-Dichlorobenzene	8.396	146	48560	40.575	ng	94
14) 1,2-Dichlorobenzene	8.719	146	46272	40.050	ng	96
15) Benzyl Alcohol	8.595	79	46773	36.190	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.877	45	50480	35.121	ng	96
17) 2-Methylphenol	8.795	107	43031	39.472	ng	95
18) Hexachloroethane	9.459	117	16492	38.185	ng	99
19) n-Nitroso-di-n-propyla...	9.159	70	41363	34.966	ng	99
20) 3+4-Methylphenols	9.124	107	58518	39.202	ng	95
22) Acetophenone	9.189	105	74220	38.467	ng	96
24) Nitrobenzene	9.582	77	61069	37.670	ng	94
25) Isophorone	10.099	82	113199	36.346	ng	99
26) 2-Nitrophenol	10.299	139	26740	43.092	ng	93
27) 2,4-Dimethylphenol	10.340	122	44886	41.310	ng	98
28) bis(2-Chloroethoxy)met...	10.569	93	58880	37.736	ng	97
29) 2,4-Dichlorophenol	10.839	162	48932	42.460	ng	97
30) 1,2,4-Trichlorobenzene	11.057	180	53659	40.369	ng	96
31) Naphthalene	11.251	128	144281	40.034	ng	99
32) Benzoic acid	10.481	122	22260	36.753	ng	92
33) 4-Chloroaniline	11.351	127	65641	40.558	ng	97
34) Hexachlorobutadiene	11.521	225	39795	40.347	ng	98
35) Caprolactam	12.114	113	15430	39.196	ng	94
36) 4-Chloro-3-methylphenol	12.443	107	54602	41.692	ng	97
37) 2-Methylnaphthalene	12.825	142	114433	40.385	ng	96
38) 1-Methylnaphthalene	13.042	142	107622	40.296	ng	99
40) 1,2,4,5-Tetrachloroben...	13.189	216	77037	42.097	ng	99
41) Hexachlorocyclopentadiene	13.160	237	33547	41.433	ng	97
43) 2,4,6-Trichlorophenol	13.424	196	46812	41.988	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	52646	40.144	ng		95
46) 1,1'-Biphenyl	13.812	154	156702	40.968	ng		99
47) 2-Chloronaphthalene	13.865	162	116313	40.893	ng		98
48) 2-Nitroaniline	14.064	65	38177	39.475	ng		97
49) Acenaphthylene	14.705	152	189205	40.945	ng		99
50) Dimethylphthalate	14.411	163	161076	38.026	ng		100
51) 2,6-Dinitrotoluene	14.546	165	35297	40.812	ng		88
52) Acenaphthene	15.040	154	115114	39.866	ng		99
53) 3-Nitroaniline	14.875	138	34839	40.209	ng		94
54) 2,4-Dinitrophenol	15.092	184	15586	32.228	ng		96
55) Dibenzofuran	15.369	168	195431	40.281	ng		99
56) 4-Nitrophenol	15.181	139	23322	40.471	ng		93
57) 2,4-Dinitrotoluene	15.333	165	50454	40.819	ng	#	94
58) Fluorene	16.015	166	162226	40.594	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.592	232	50097m	42.135	ng		
60) Diethylphthalate	15.756	149	162831	37.852	ng		98
61) 4-Chlorophenyl-phenyle...	15.997	204	95147	39.522	ng		97
62) 4-Nitroaniline	16.032	138	35828	40.989	ng		90
63) Azobenzene	16.285	77	150690	36.306	ng		98
65) 4,6-Dinitro-2-methylph...	16.097	198	32135	42.096	ng		99
66) n-Nitrosodiphenylamine	16.209	169	139882	40.280	ng		100
67) 4-Bromophenyl-phenylether	16.890	248	64454	41.294	ng		98
68) Hexachlorobenzene	17.019	284	63891	42.122	ng		95
69) Atrazine	17.143	200	54974	41.498	ng		94
70) Pentachlorophenol	17.366	266	32145	36.772	ng		97
71) Phenanthrene	17.759	178	264474	40.366	ng		99
72) Anthracene	17.848	178	272230	40.494	ng		98
73) Carbazole	18.118	167	229674	40.581	ng		99
74) Di-n-butylphthalate	18.629	149	268832	41.284	ng		98
75) Fluoranthene	19.745	202	333828	40.967	ng		99
77) Benzidine	19.915	184	92096	35.128	ng		98
78) Pyrene	20.109	202	335104	39.324	ng		99
80) Butylbenzylphthalate	20.961	149	115167	42.594	ng		97
81) Benzo(a)anthracene	22.007	228	336930	40.326	ng		100
82) 3,3'-Dichlorobenzidine	21.901	252	107437	40.146	ng		99
83) Chrysene	22.077	228	313167	39.837	ng		99
84) Bis(2-ethylhexyl)phtha...	21.848	149	166594	41.644	ng		100
85) Di-n-octyl phthalate	23.140	149	284361	42.637	ng		97
87) Indeno(1,2,3-cd)pyrene	29.579	276	373862	39.875	ng		99
88) Benzo(b)fluoranthene	24.403	252	324818	38.625	ng		99
89) Benzo(k)fluoranthene	24.480	252	331427	38.784	ng		99
90) Benzo(a)pyrene	25.361	252	318176	38.727	ng		97
91) Dibenzo(a,h)anthracene	29.632	278	309327	39.616	ng		98
92) Benzo(g,h,i)perylene	30.848	276	303954	39.868	ng		99

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

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