Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055146.D
Acq On : 12 Oct 2022 18:22
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Oct 13 04:26:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 04:19:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	28603	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	131625	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	103835	20.000	ng	0.00
64) Phenanthrene-d10	17.641	188	249582	20.000	ng	0.00
76) Chrysene-d12	21.925	240	233205	20.000	ng	0.00
86) Perylene-d12	25.338	264	251772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	121460	94.319	ng	0.00
7) Phenol-d6	7.436	99	186460	96.638	ng	0.00
23) Nitrobenzene-d5	9.475	82	205761	93.410	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	121182	131.525	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	533727	80.244	ng	0.00
79) Terphenyl-d14	20.215	244	969458	84.023	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	24198	33.211	ng	100
3) Pyridine	4.057	79	82150	37.494	ng	100
4) n-Nitrosodimethylamine	3.969	42	42834	34.185	ng	100
6) Aniline	7.618	93	120272	42.603	ng	100
8) 2-Chlorophenol	7.859	128	75561	51.012	ng	100
9) Benzaldehyde	7.430	77	58746	37.900	ng	100
10) Phenol	7.459	94	104947	47.864	ng	100
11) bis(2-Chloroethyl)ether	7.706	93	73258	40.765	ng	100
12) 1,3-Dichlorobenzene	8.194	146	86601	42.475	ng	100
13) 1,4-Dichlorobenzene	8.341	146	87771	42.538	ng	100
14) 1,2-Dichlorobenzene	8.664	146	85046	42.425	ng	100
15) Benzyl Alcohol	8.534	79	84690	48.868	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.822	45	122315	35.933	ng	100
17) 2-Methylphenol	8.734	107	75630	48.958	ng	100
18) Hexachloroethane	9.404	117	29897	45.696	ng	100
19) n-Nitroso-di-n-propyla...	9.104	70	77890	41.674	ng	100
20) 3+4-Methylphenols	9.063	107	108587	50.474	ng	100
22) Acetophenone	9.128	105	137189	41.100	ng	100
24) Nitrobenzene	9.516	77	107154	44.800	ng	100
25) Isophorone	10.039	82	205502	43.895	ng	100
26) 2-Nitrophenol	10.232	139	52973	75.854	ng	100
27) 2,4-Dimethylphenol	10.274	122	78889	49.155	ng	100
28) bis(2-Chloroethoxy)met...	10.514	93	100328	41.881	ng	100
29) 2,4-Dichlorophenol	10.767	162	93349	54.718	ng	100
30) 1,2,4-Trichlorobenzene	10.990	180	99082	43.102	ng	100
31) Naphthalene	11.184	128	294970	42.461	ng	100
32) Benzoic acid	10.397	122	62926	63.723	ng	100
33) 4-Chloroaniline	11.278	127	127639	44.434	ng	100
34) Hexachlorobutadiene	11.466	225	62573	41.979	ng	100
35) Caprolactam	12.048	113	35772	57.296	ng	100
36) 4-Chloro-3-methylphenol	12.371	107	106665	52.903	ng	100
37) 2-Methylnaphthalene	12.765	142	221214	43.210	ng	100
38) 1-Methylnaphthalene	12.982	142	216712	43.519	ng	100
40) 1,2,4,5-Tetrachloroben...	13.123	216	122380	40.366	ng	100
41) Hexachlorocyclopentadiene	13.106	237	65927	50.499	ng	100
43) 2,4,6-Trichlorophenol	13.352	196	91750	60.211	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	101933	57.403	ng	100
46) 1,1'-Biphenyl	13.752	154	289859	40.715	ng	100
47) 2-Chloronaphthalene	13.799	162	233715	40.740	ng	100
48) 2-Nitroaniline	13.993	65	82637	61.244	ng	100
49) Acenaphthylene	14.639	152	390244	41.080	ng	100
50) Dimethylphthalate	14.357	163	338011	47.962	ng	100
51) 2,6-Dinitrotoluene	14.475	165	71534	56.287	ng	100
52) Acenaphthene	14.974	154	255418	43.302	ng	100
53) 3-Nitroaniline	14.804	138	81161	53.871	ng	100
54) 2,4-Dinitrophenol	15.003	184	43764	66.809	ng	100
55) Dibenzofuran	15.303	168	392564	41.714	ng	100
56) 4-Nitrophenol	15.091	139	63338	55.594	ng	100
57) 2,4-Dinitrotoluene	15.256	165	103847	59.444	ng	100
58) Fluorene	15.949	166	317834	42.204	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.520	232	98437	59.150	ng	100
60) Diethylphthalate	15.703	149	348165	47.879	ng	100
61) 4-Chlorophenyl-phenyle...	15.938	204	171285	41.842	ng	100
62) 4-Nitroaniline	15.961	138	83817	49.438	ng	100
63) Azobenzene	16.225	77	307070	37.493	ng	100
65) 4,6-Dinitro-2-methylph...	16.014	198	64671	69.518	ng	100
66) n-Nitrosodiphenylamine	16.143	169	284681	43.798	ng	100
67) 4-Bromophenyl-phenylether	16.825	248	119112	45.126	ng	100
68) Hexachlorobenzene	16.948	284	133542	43.760	ng	100
69) Atrazine	17.077	200	105873	49.995	ng	100
70) Pentachlorophenol	17.289	266	83041	56.826	ng	100
71) Phenanthrene	17.688	178	546863	41.713	ng	100
72) Anthracene	17.777	178	533480	41.838	ng	100
73) Carbazole	18.041	167	485787	43.405	ng	100
74) Di-n-butylphthalate	18.576	149	586225	50.176	ng	100
75) Fluoranthene	19.674	202	653498	39.956	ng	100
77) Benzidine	19.839	184	206477	51.395	ng	100
78) Pyrene	20.033	202	656548	42.339	ng	100
80) Butylbenzylphthalate	20.896	149	252636	61.325	ng	100
81) Benzo(a)anthracene	21.907	228	626638	42.299	ng	100
82) 3,3'-Dichlorobenzidine	21.807	252	217058	50.401	ng	100
83) Chrysene	21.977	228	590908	41.385	ng	100
84) Bis(2-ethylhexyl)phtha...	21.784	149	355018	56.486	ng	100
85) Di-n-octyl phthalate	23.064	149	596671	56.895	ng	100
87) Indeno(1,2,3-cd)pyrene	29.269	276	779378	42.895	ng	100
88) Benzo(b)fluoranthene	24.251	252	625949	42.195	ng	100
89) Benzo(k)fluoranthene	24.322	252	625286	41.839	ng	100
90) Benzo(a)pyrene	25.180	252	534283	42.022	ng	100
91) Dibenzo(a,h)anthracene	29.345	278	641013	43.430	ng	100
92) Benzo(g,h,i)perylene	30.509	276	628671	42.431	ng	100

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

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