Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
Data File : BG057870.D
Acq On : 27 Jun 2023 17:09
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Jun 28 00:46:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 00:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	42887	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	183550	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	132012	20.000	ng		0.00
64) Phenanthrene-d10	17.300	188	343380	20.000	ng		0.00
76) Chrysene-d12	21.560	240	293517	20.000	ng		0.00
86) Perylene-d12	24.709	264	371689	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.491	112	268203	95.682	ng		0.00
7) Phenol-d6	7.089	99	399857	95.395	ng		0.00
23) Nitrobenzene-d5	9.087	82	360645	96.292	ng		0.00
42) 2,4,6-Tribromophenol	16.049	330	217843	98.248	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	806953	93.283	ng		0.00
79) Terphenyl-d14	19.921	244	1481038	91.990	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	61006	47.483	ng		96
3) Pyridine	3.793	79	180070	48.504	ng		99
4) n-Nitrosodimethylamine	3.711	42	73602	48.163	ng		93
6) Aniline	7.253	93	251340	47.999	ng		98
8) 2-Chlorophenol	7.488	128	132332	47.028	ng		98
9) Benzaldehyde	7.065	77	102642	49.871	ng		94
10) Phenol	7.112	94	195078	47.893	ng		95
11) bis(2-Chloroethyl)ether	7.347	93	146013	47.548	ng		98
12) 1,3-Dichlorobenzene	7.812	146	134790	46.570	ng		100
13) 1,4-Dichlorobenzene	7.958	146	136547	46.968	ng		97
14) 1,2-Dichlorobenzene	8.276	146	133131	47.319	ng		99
15) Benzyl Alcohol	8.158	79	148143	47.970	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	238764	46.695	ng		98
17) 2-Methylphenol	8.364	107	143179	47.415	ng		96
18) Hexachloroethane	9.004	117	48363	47.740	ng		94
19) n-Nitroso-di-n-propyla...	8.728	70	129346	46.116	ng		96
20) 3+4-Methylphenols	8.693	107	200013	47.541	ng		97
22) Acetophenone	8.746	105	239624	46.908	ng	#	99
24) Nitrobenzene	9.128	77	178268	47.420	ng		99
25) Isophorone	9.651	82	380347	47.034	ng		98
26) 2-Nitrophenol	9.839	139	77572	50.639	ng		99
27) 2,4-Dimethylphenol	9.897	122	139237	47.143	ng		98
28) bis(2-Chloroethoxy)met...	10.132	93	203283	46.778	ng		99
29) 2,4-Dichlorophenol	10.373	162	139399	48.127	ng		97
30) 1,2,4-Trichlorobenzene	10.591	180	149317	47.884	ng		98
31) Naphthalene	10.779	128	462308	47.185	ng		99
32) Benzoic acid	10.038	122	115437	49.590	ng		98
33) 4-Chloroaniline	10.884	127	220796	47.897	ng		99
34) Hexachlorobutadiene	11.061	225	91353	47.498	ng		97
35) Caprolactam	11.672	113	59563	47.449	ng		94
36) 4-Chloro-3-methylphenol	12.007	107	180369	46.904	ng		99
37) 2-Methylnaphthalene	12.383	142	341320	47.258	ng		99
38) 1-Methylnaphthalene	12.606	142	320220	46.921	ng		99
40) 1,2,4,5-Tetrachloroben...	12.753	216	177259	47.995	ng		99
41) Hexachlorocyclopentadiene	12.729	237	101312	51.027	ng		97
43) 2,4,6-Trichlorophenol	12.988	196	132805	48.781	ng		99

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44) 2,4,5-Trichlorophenol	13.064	196	160079	49.403	ng		98
46) 1,1'-Biphenyl	13.393	154	428675	47.674	ng		99
47) 2-Chloronaphthalene	13.434	162	330121	47.806	ng		98
48) 2-Nitroaniline	13.640	65	138856	50.467	ng		91
49) Acenaphthylene	14.280	152	580635	47.946	ng		100
50) Dimethylphthalate	14.016	163	493695	47.184	ng		100
51) 2,6-Dinitrotoluene	14.134	165	109296	50.310	ng		99
52) Acenaphthene	14.627	154	337242	47.670	ng		99
53) 3-Nitroaniline	14.463	138	121545	49.214	ng		98
54) 2,4-Dinitrophenol	14.668	184	62573	52.135	ng		95
55) Dibenzofuran	14.956	168	570767	47.037	ng		97
56) 4-Nitrophenol	14.768	139	100763	49.764	ng		98
57) 2,4-Dinitrotoluene	14.921	165	159546	50.613	ng		99
58) Fluorene	15.608	166	460173	46.986	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.179	232	143066	48.706	ng		99
60) Diethylphthalate	15.379	149	523567	47.471	ng		100
61) 4-Chlorophenyl-phenyle...	15.597	204	248291	47.265	ng		98
62) 4-Nitroaniline	15.632	138	125870	48.587	ng		95
63) Azobenzene	15.890	77	500722	47.475	ng		99
65) 4,6-Dinitro-2-methylph...	15.685	198	95147	51.491	ng		98
66) n-Nitrosodiphenylamine	15.814	169	418938	47.807	ng		98
67) 4-Bromophenyl-phenylether	16.496	248	174443	48.126	ng		99
68) Hexachlorobenzene	16.607	284	183471	47.933	ng		97
69) Atrazine	16.760	200	155008	47.630	ng		98
70) Pentachlorophenol	16.954	266	149118	50.942	ng		97
71) Phenanthrene	17.347	178	783218	47.516	ng		100
72) Anthracene	17.436	178	804378	47.316	ng		99
73) Carbazole	17.706	167	764462	47.294	ng		100
74) Di-n-butylphthalate	18.264	149	953067	47.705	ng		99
75) Fluoranthene	19.357	202	968918	46.660	ng		99
77) Benzidine	19.539	184	333567	48.440	ng		100
78) Pyrene	19.721	202	990456	47.259	ng		99
80) Butylbenzylphthalate	20.608	149	413787	48.689	ng		99
81) Benzo(a)anthracene	21.543	228	962483	47.384	ng		99
82) 3,3'-Dichlorobenzidine	21.460	252	346165	47.895	ng		99
83) Chrysene	21.607	228	917912	47.742	ng		100
84) Bis(2-ethylhexyl)phtha...	21.449	149	571180	47.337	ng		100
85) Di-n-octyl phthalate	22.635	149	1034749	48.597	ng		99
87) Indeno(1,2,3-cd)pyrene	28.311	276	1181272	47.975	ng	#	94
88) Benzo(b)fluoranthene	23.711	252	974603	48.075	ng		99
89) Benzo(k)fluoranthene	23.781	252	964863	47.092	ng		99
90) Benzo(a)pyrene	24.563	252	960550	47.832	ng		100
91) Dibenzo(a,h)anthracene	28.370	278	976673	47.817	ng		100
92) Benzo(g,h,i)perylene	29.439	276	980194	48.288	ng		99

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

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