Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
Data File : BG057868.D
Acq On : 27 Jun 2023 15:46
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Jun 28 00:42:49 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	35396	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	159786	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	119752	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	322776	20.000	ng	0.00
76) Chrysene-d12	21.560	240	281114	20.000	ng	0.00
86) Perylene-d12	24.715	264	349553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	99755	43.119	ng	0.00
7) Phenol-d6	7.083	99	151006	43.650	ng	0.00
23) Nitrobenzene-d5	9.086	82	133985	41.094	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	84253	41.889	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	334501	42.627	ng	0.00
79) Terphenyl-d14	19.921	244	676449	43.869	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	22567	21.282	ng	94
3) Pyridine	3.793	79	65530	21.387	ng	98
4) n-Nitrosodimethylamine	3.710	42	26498	21.009	ng	94
6) Aniline	7.247	93	92636	21.435	ng	97
8) 2-Chlorophenol	7.488	128	51348	22.110	ng	96
9) Benzaldehyde	7.059	77	44206	23.287	ng	97
10) Phenol	7.112	94	73465	21.853	ng	97
11) bis(2-Chloroethyl)ether	7.341	93	54119	21.353	ng	99
12) 1,3-Dichlorobenzene	7.812	146	50731	21.237	ng	98
13) 1,4-Dichlorobenzene	7.958	146	50636	21.103	ng	95
14) 1,2-Dichlorobenzene	8.276	146	49962	21.516	ng	98
15) Benzyl Alcohol	8.158	79	54569	21.410	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	91308	21.636	ng	99
17) 2-Methylphenol	8.364	107	53737	21.562	ng	95
18) Hexachloroethane	9.010	117	18110	21.660	ng	95
19) n-Nitroso-di-n-propyla...	8.728	70	50914	21.994	ng	98
20) 3+4-Methylphenols	8.687	107	74610	21.487	ng	99
22) Acetophenone	8.746	105	92798	20.868	ng	98
24) Nitrobenzene	9.128	77	68276	20.863	ng	98
25) Isophorone	9.645	82	148302	21.067	ng	100
26) 2-Nitrophenol	9.839	139	27207	20.402	ng	93
27) 2,4-Dimethylphenol	9.897	122	53070	20.641	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	80931	21.393	ng	99
29) 2,4-Dichlorophenol	10.373	162	52316	20.748	ng	98
30) 1,2,4-Trichlorobenzene	10.591	180	56350	20.758	ng	99
31) Naphthalene	10.779	128	178154	20.887	ng	98
32) Benzoic acid	9.991	122	35109	17.325	ng	92
33) 4-Chloroaniline	10.884	127	83947	20.919	ng	98
34) Hexachlorobutadiene	11.061	225	35020	20.916	ng	95
35) Caprolactam	11.648	113	23520	21.523	ng	97
36) 4-Chloro-3-methylphenol	12.007	107	70542	21.072	ng	98
37) 2-Methylnaphthalene	12.389	142	133290	21.199	ng	99
38) 1-Methylnaphthalene	12.606	142	126647	21.317	ng	99
40) 1,2,4,5-Tetrachloroben...	12.753	216	70328	20.991	ng	99
41) Hexachlorocyclopentadiene	12.735	237	37089	20.593	ng	96
43) 2,4,6-Trichlorophenol	12.994	196	51840	20.991	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	62284	21.190	ng		98
46) 1,1'-Biphenyl	13.393	154	171766	21.058	ng		99
47) 2-Chloronaphthalene	13.434	162	131467	20.988	ng		98
48) 2-Nitroaniline	13.640	65	50719	20.321	ng		93
49) Acenaphthylene	14.286	152	233773	21.280	ng		98
50) Dimethylphthalate	14.016	163	205582	21.660	ng		98
51) 2,6-Dinitrotoluene	14.134	165	41492	21.054	ng		96
52) Acenaphthene	14.627	154	138553	21.590	ng		98
53) 3-Nitroaniline	14.463	138	48214	21.521	ng		97
54) 2,4-Dinitrophenol	14.668	184	20331	18.674	ng		95
55) Dibenzofuran	14.956	168	239862	21.791	ng		99
56) 4-Nitrophenol	14.768	139	39619	21.570	ng		97
57) 2,4-Dinitrotoluene	14.921	165	60602	21.193	ng		95
58) Fluorene	15.608	166	193830	21.817	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.179	232	56950	21.373	ng		98
60) Diethylphthalate	15.379	149	215675	21.557	ng		99
61) 4-Chlorophenyl-phenyle...	15.602	204	103781	21.779	ng		99
62) 4-Nitroaniline	15.626	138	50228	21.373	ng		99
63) Azobenzene	15.890	77	208364	21.778	ng		98
65) 4,6-Dinitro-2-methylph...	15.679	198	32879	18.929	ng		97
66) n-Nitrosodiphenylamine	15.814	169	173242	21.031	ng		98
67) 4-Bromophenyl-phenylether	16.495	248	71015	20.842	ng		97
68) Hexachlorobenzene	16.607	284	75193	20.899	ng		97
69) Atrazine	16.760	200	66814	21.841	ng		99
70) Pentachlorophenol	16.954	266	57107	20.755	ng		97
71) Phenanthrene	17.347	178	331720	21.409	ng		98
72) Anthracene	17.436	178	341482	21.369	ng		99
73) Carbazole	17.706	167	324694	21.370	ng		99
74) Di-n-butylphthalate	18.270	149	405356	21.585	ng		99
75) Fluoranthene	19.357	202	424570	21.751	ng		100
77) Benzidine	19.539	184	137740	20.885	ng		100
78) Pyrene	19.721	202	428940	21.370	ng		99
80) Butylbenzylphthalate	20.608	149	170984	21.007	ng		97
81) Benzo(a)anthracene	21.542	228	413107	21.235	ng		98
82) 3,3'-Dichlorobenzidine	21.460	252	150512	21.743	ng		99
83) Chrysene	21.607	228	391603	21.266	ng		98
84) Bis(2-ethylhexyl)phtha...	21.454	149	248719	21.522	ng		99
85) Di-n-octyl phthalate	22.641	149	430249	21.098	ng		98
87) Indeno(1,2,3-cd)pyrene	28.299	276	480333	20.743	ng	#	93
88) Benzo(b)fluoranthene	23.711	252	400886	21.027	ng		99
89) Benzo(k)fluoranthene	23.775	252	402672	20.898	ng		98
90) Benzo(a)pyrene	24.568	252	392203	20.767	ng		99
91) Dibenzo(a,h)anthracene	28.370	278	399084	20.776	ng		99
92) Benzo(g,h,i)perylene	29.427	276	393223	20.598	ng		98

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

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