Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
Data File : BG056308.D
Acq On : 17 Jan 2023 10:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 18 02:44:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.313	152	46308	20.000	ng		0.00
21) Naphthalene-d8	11.145	136	171826	20.000	ng		0.00
39) Acenaphthene-d10	14.929	164	136812	20.000	ng		0.00
64) Phenanthrene-d10	17.661	188	325818	20.000	ng		0.00
76) Chrysene-d12	21.962	240	307781	20.000	ng	#	0.00
86) Perylene-d12	25.405	264	338638	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.828	112	209454	80.759	ng		0.00
7) Phenol-d6	7.450	99	305928	76.809	ng		0.00
23) Nitrobenzene-d5	9.488	82	264814	78.834	ng		0.00
42) 2,4,6-Tribromophenol	16.404	330	134062	77.372	ng		0.00
45) 2-Fluorobiphenyl	13.554	172	823489	83.118	ng		0.00
79) Terphenyl-d14	20.241	244	1371707	79.823	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.648	88	45228	38.179	ng		92
3) Pyridine	4.065	79	135363	37.516	ng	#	94
4) n-Nitrosodimethylamine	3.977	42	27182	37.035	ng		87
6) Aniline	7.626	93	201576	38.592	ng		95
8) 2-Chlorophenol	7.873	128	106338	41.202	ng		96
9) Benzaldehyde	7.438	77	101901	43.028	ng		95
10) Phenol	7.479	94	156011	38.623	ng		95
11) bis(2-Chloroethyl)ether	7.720	93	107630	39.319	ng		97
12) 1,3-Dichlorobenzene	8.202	146	128126	40.791	ng		97
13) 1,4-Dichlorobenzene	8.349	146	129148	40.945	ng		97
14) 1,2-Dichlorobenzene	8.678	146	124006	40.745	ng		98
15) Benzyl Alcohol	8.542	79	106403	36.706	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.842	45	22667	46.860	ng		86
17) 2-Methylphenol	8.748	107	115263	38.889	ng		94
18) Hexachloroethane	9.412	117	40248	42.003	ng		98
19) n-Nitroso-di-n-propyla...	9.118	70	86260	35.615	ng	#	97
20) 3+4-Methylphenols	9.077	107	158957	38.146	ng		97
22) Acetophenone	9.142	105	189648	39.035	ng		97
24) Nitrobenzene	9.530	77	131084	39.377	ng		97
25) Isophorone	10.052	82	259035	36.650	ng		96
26) 2-Nitrophenol	10.246	139	71861	42.190	ng		98
27) 2,4-Dimethylphenol	10.287	122	119193	38.368	ng		98
28) bis(2-Chloroethoxy)met...	10.528	93	146580	39.903	ng		99
29) 2,4-Dichlorophenol	10.781	162	137593	40.062	ng		98
30) 1,2,4-Trichlorobenzene	11.004	180	158701	40.719	ng		96
31) Naphthalene	11.198	128	372831	41.229	ng		100
32) Benzoic acid	10.411	122	83020	36.017	ng		94
33) 4-Chloroaniline	11.292	127	164027	37.991	ng		98
34) Hexachlorobutadiene	11.474	225	118963	42.439	ng		97
35) Caprolactam	12.062	113	39585	34.042	ng		83
36) 4-Chloro-3-methylphenol	12.385	107	131490	37.730	ng		95
37) 2-Methylnaphthalene	12.779	142	299958	39.284	ng		99
38) 1-Methylnaphthalene	12.996	142	280836	39.607	ng		99
40) 1,2,4,5-Tetrachloroben...	13.137	216	216713	42.263	ng		99
41) Hexachlorocyclopentadiene	13.114	237	125247	42.843	ng		99
43) 2,4,6-Trichlorophenol	13.366	196	140514	41.442	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.443	196	160864	40.107	ng	97
46) 1,1'-Biphenyl	13.766	154	411369	41.985	ng	98
47) 2-Chloronaphthalene	13.813	162	321381	41.556	ng	97
48) 2-Nitroaniline	14.007	65	66000	40.054	ng	96
49) Acenaphthylene	14.653	152	509789	40.507	ng	99
50) Dimethylphthalate	14.365	163	430896	39.015	ng	100
51) 2,6-Dinitrotoluene	14.488	165	92341	39.238	ng	94
52) Acenaphthene	14.994	154	333063	40.690	ng	98
53) 3-Nitroaniline	14.823	138	89999	40.184	ng	100
54) 2,4-Dinitrophenol	15.023	184	62107	36.942	ng	96
55) Dibenzofuran	15.323	168	539023	39.794	ng	98
56) 4-Nitrophenol	15.111	139	64271	37.312	ng	93
57) 2,4-Dinitrotoluene	15.276	165	128614	39.078	ng	92
58) Fluorene	15.969	166	422517	38.782	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.540	232	146191	38.819	ng	96
60) Diethylphthalate	15.716	149	394303	38.070	ng	99
61) 4-Chlorophenyl-phenyle...	15.951	204	264238	38.864	ng	98
62) 4-Nitroaniline	15.981	138	89642	39.073	ng	95
63) Azobenzene	16.239	77	306157	38.305	ng	97
65) 4,6-Dinitro-2-methylph...	16.034	198	90889	41.404	ng	92
66) n-Nitrosodiphenylamine	16.163	169	384660	42.551	ng	97
67) 4-Bromophenyl-phenylether	16.845	248	172945	41.684	ng	99
68) Hexachlorobenzene	16.968	284	163650	42.277	ng	98
69) Atrazine	17.097	200	151154	40.345	ng	99
70) Pentachlorophenol	17.309	266	121898	40.995	ng	96
71) Phenanthrene	17.708	178	691074	40.928	ng	98
72) Anthracene	17.796	178	705637	40.512	ng	100
73) Carbazole	18.061	167	588755	40.213	ng	99
74) Di-n-butylphthalate	18.590	149	611135	41.873	ng	100
75) Fluoranthene	19.694	202	868189	39.418	ng	99
77) Benzidine	19.864	184	398735	36.968	ng	98
78) Pyrene	20.058	202	889105	40.984	ng	99
80) Butylbenzylphthalate	20.916	149	263599	42.354	ng	98
81) Benzo(a)anthracene	21.939	228	881776	40.790	ng	98
82) 3,3'-Dichlorobenzidine	21.839	252	314781	40.450	ng	98
83) Chrysene	22.009	228	833829	41.178	ng	99
84) Bis(2-ethylhexyl)phtha...	21.803	149	386090	43.059	ng	100
85) Di-n-octyl phthalate	23.084	149	653324	43.160	ng	99
87) Indeno(1,2,3-cd)pyrene	29.365	276	1026843	41.694	ng	99
88) Benzo(b)fluoranthene	24.306	252	871905	40.524	ng	100
89) Benzo(k)fluoranthene	24.377	252	881505	41.143	ng	99
90) Benzo(a)pyrene	25.241	252	858047	40.888	ng	100
91) Dibenzo(a,h)anthracene	29.430	278	856710	41.491	ng	99
92) Benzo(g,h,i)perylene	30.617	276	816382	40.772	ng	97

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

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