Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
Data File : BG057901.D
Acq On : 29 Jun 2023 12:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 29 13:10:29 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 01:12:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	45147	20.000	ng		0.00
21) Naphthalene-d8	10.725	136	201287	20.000	ng		0.00
39) Acenaphthene-d10	14.562	164	144087	20.000	ng		0.00
64) Phenanthrene-d10	17.305	188	354442	20.000	ng		0.00
76) Chrysene-d12	21.559	240	286190	20.000	ng		0.00
86) Perylene-d12	24.709	264	358587	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.490	112	240622	81.545	ng		0.00
7) Phenol-d6	7.082	99	367068	83.189	ng		0.00
23) Nitrobenzene-d5	9.086	82	332096	80.856	ng		0.00
42) 2,4,6-Tribromophenol	16.048	330	186175	76.929	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	753962	79.853	ng		0.00
79) Terphenyl-d14	19.920	244	1233190	78.557	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.392	88	51478	38.061	ng		95
3) Pyridine	3.786	79	159217	40.794	ng		99
4) n-Nitrosodimethylamine	3.704	42	65456	40.688	ng		94
6) Aniline	7.247	93	225662	40.938	ng		99
8) 2-Chlorophenol	7.488	128	123014	41.528	ng		99
9) Benzaldehyde	7.059	77	98264	44.718	ng		95
10) Phenol	7.112	94	177450	41.385	ng		97
11) bis(2-Chloroethyl)ether	7.341	93	133278	41.229	ng		98
12) 1,3-Dichlorobenzene	7.811	146	124689	40.923	ng		98
13) 1,4-Dichlorobenzene	7.958	146	125194	40.907	ng		97
14) 1,2-Dichlorobenzene	8.275	146	119910	40.486	ng		98
15) Benzyl Alcohol	8.157	79	134438	41.353	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.445	45	217370	40.382	ng		99
17) 2-Methylphenol	8.363	107	132610	41.717	ng		97
18) Hexachloroethane	9.003	117	44681	41.898	ng		96
19) n-Nitroso-di-n-propyla...	8.727	70	120745	40.895	ng		98
20) 3+4-Methylphenols	8.692	107	189279	42.737	ng		99
22) Acetophenone	8.745	105	222068	39.641	ng	#	99
24) Nitrobenzene	9.127	77	166416	40.367	ng		99
25) Isophorone	9.650	82	353898	39.907	ng		99
26) 2-Nitrophenol	9.838	139	71032	42.284	ng		96
27) 2,4-Dimethylphenol	9.897	122	129246	39.904	ng		95
28) bis(2-Chloroethoxy)met...	10.132	93	193942	40.696	ng		99
29) 2,4-Dichlorophenol	10.372	162	131357	41.354	ng		95
30) 1,2,4-Trichlorobenzene	10.590	180	138802	40.590	ng		98
31) Naphthalene	10.778	128	429135	39.939	ng		100
32) Benzoic acid	10.032	122	100923	39.839	ng		94
33) 4-Chloroaniline	10.884	127	204744	40.501	ng		98
34) Hexachlorobutadiene	11.060	225	84016	39.834	ng		94
35) Caprolactam	11.665	113	52052	37.812	ng	#	90
36) 4-Chloro-3-methylphenol	12.006	107	168396	39.932	ng		97
37) 2-Methylnaphthalene	12.388	142	316260	39.929	ng		98
38) 1-Methylnaphthalene	12.605	142	299152	39.971	ng		99
40) 1,2,4,5-Tetrachloroben...	12.752	216	165323	41.012	ng		99
41) Hexachlorocyclopentadiene	12.729	237	85693	39.544	ng		99
43) 2,4,6-Trichlorophenol	12.993	196	125025	42.075	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	150122	42.448	ng		99
46) 1,1'-Biphenyl	13.392	154	399374	40.693	ng		99
47) 2-Chloronaphthalene	13.439	162	309038	41.003	ng		98
48) 2-Nitroaniline	13.639	65	123311	41.061	ng		92
49) Acenaphthylene	14.286	152	529519	40.061	ng		100
50) Dimethylphthalate	14.015	163	447617	39.195	ng		98
51) 2,6-Dinitrotoluene	14.133	165	97634	41.175	ng		99
52) Acenaphthene	14.626	154	308239	39.919	ng		99
53) 3-Nitroaniline	14.468	138	108868	40.387	ng		94
54) 2,4-Dinitrophenol	14.667	184	49249	37.595	ng		95
55) Dibenzofuran	14.955	168	523219	39.505	ng		98
56) 4-Nitrophenol	14.773	139	85789	38.818	ng		96
57) 2,4-Dinitrotoluene	14.920	165	139515	40.549	ng		97
58) Fluorene	15.607	166	413260	38.660	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.184	232	125544	39.159	ng		100
60) Diethylphthalate	15.378	149	466322	38.737	ng		99
61) 4-Chlorophenyl-phenyle...	15.596	204	224138	39.092	ng		97
62) 4-Nitroaniline	15.631	138	108608	38.410	ng		99
63) Azobenzene	15.890	77	449652	39.060	ng		99
65) 4,6-Dinitro-2-methylph...	15.684	198	76232	39.967	ng		99
66) n-Nitrosodiphenylamine	15.813	169	377509	41.735	ng		97
67) 4-Bromophenyl-phenylether	16.489	248	153750	41.093	ng		99
68) Hexachlorobenzene	16.606	284	161265	40.817	ng		98
69) Atrazine	16.759	200	127447	37.939	ng		99
70) Pentachlorophenol	16.953	266	120837	39.993	ng		99
71) Phenanthrene	17.347	178	679075	39.912	ng		99
72) Anthracene	17.435	178	696137	39.671	ng		99
73) Carbazole	17.705	167	650042	38.960	ng		100
74) Di-n-butylphthalate	18.263	149	805718	39.071	ng		100
75) Fluoranthene	19.356	202	801821	37.408	ng		99
77) Benzidine	19.538	184	277528	41.334	ng		99
78) Pyrene	19.720	202	815120	39.889	ng		99
80) Butylbenzylphthalate	20.608	149	339724	40.998	ng		100
81) Benzo(a)anthracene	21.536	228	781512	39.460	ng		100
82) 3,3'-Dichlorobenzidine	21.459	252	280713	39.833	ng		99
83) Chrysene	21.606	228	743840	39.679	ng		99
84) Bis(2-ethylhexyl)phtha...	21.448	149	482899	41.045	ng		100
85) Di-n-octyl phthalate	22.635	149	852210	41.049	ng		99
87) Indeno(1,2,3-cd)pyrene	28.304	276	957061	40.289	ng	#	93
88) Benzo(b)fluoranthene	23.710	252	767454	39.240	ng		99
89) Benzo(k)fluoranthene	23.774	252	787336	39.831	ng		99
90) Benzo(a)pyrene	24.562	252	774211	39.961	ng		99
91) Dibenzo(a,h)anthracene	28.369	278	790438	40.113	ng		99
92) Benzo(g,h,i)perylene	29.432	276	787230	40.199	ng		100

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

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