Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
Data File : BG053836.D
Acq On : 7 Jun 2022 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 08 02:50:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	26831	20.000	ng		0.00
21) Naphthalene-d8	10.899	136	104583	20.000	ng		0.00
39) Acenaphthene-d10	14.713	164	72345	20.000	ng		0.00
64) Phenanthrene-d10	17.456	188	177218	20.000	ng		0.00
76) Chrysene-d12	21.734	240	186755	20.000	ng		0.00
86) Perylene-d12	24.995	264	194320	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.653	112	116797	79.938	ng		0.00
7) Phenol-d6	7.239	99	155716	78.676	ng		0.00
23) Nitrobenzene-d5	9.248	82	149025	93.574	ng		0.00
42) 2,4,6-Tribromophenol	16.193	330	81054	92.299	ng		0.00
45) 2-Fluorobiphenyl	13.338	172	380306	78.643	ng		0.00
79) Terphenyl-d14	20.059	244	707718	75.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	24726	34.998	ng		92
3) Pyridine	3.949	79	69564	40.622	ng	#	89
4) n-Nitrosodimethylamine	3.861	42	32099	41.514	ng	#	90
6) Aniline	7.409	93	93552	38.836	ng		97
8) 2-Chlorophenol	7.656	128	61367	41.030	ng		94
9) Benzaldehyde	7.221	77	45029	34.119	ng		82
10) Phenol	7.268	94	79301	38.776	ng		92
11) bis(2-Chloroethyl)ether	7.503	93	60623	37.687	ng		97
12) 1,3-Dichlorobenzene	7.985	146	73710	38.727	ng		94
13) 1,4-Dichlorobenzene	8.126	146	74618	38.550	ng		96
14) 1,2-Dichlorobenzene	8.449	146	69462	37.459	ng		98
15) Benzyl Alcohol	8.320	79	58478	39.473	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.620	45	93453	33.113	ng		99
17) 2-Methylphenol	8.520	107	53772	38.465	ng		90
18) Hexachloroethane	9.184	117	24735	38.622	ng		91
19) n-Nitroso-di-n-propyla...	8.896	70	51757	36.922	ng		95
20) 3+4-Methylphenols	8.849	107	75503	39.752	ng		95
22) Acetophenone	8.908	105	99189	38.409	ng	#	94
24) Nitrobenzene	9.289	77	74516	42.462	ng	#	91
25) Isophorone	9.818	82	133084	37.283	ng		95
26) 2-Nitrophenol	10.006	139	32190	55.367	ng	#	82
27) 2,4-Dimethylphenol	10.059	122	51031	39.767	ng		87
28) bis(2-Chloroethoxy)met...	10.294	93	72424	37.337	ng		96
29) 2,4-Dichlorophenol	10.541	162	66861	43.381	ng		93
30) 1,2,4-Trichlorobenzene	10.764	180	78732	40.361	ng		96
31) Naphthalene	10.952	128	200865	37.527	ng		99
32) Benzoic acid	10.194	122	21956	30.994	ng	#	80
33) 4-Chloroaniline	11.046	127	84815	38.220	ng	#	93
34) Hexachlorobutadiene	11.246	225	57474	41.588	ng		98
35) Caprolactam	11.816	113	19057	43.262	ng		90
36) 4-Chloro-3-methylphenol	12.163	107	65296	39.806	ng		89
37) 2-Methylnaphthalene	12.550	142	145370	37.438	ng		97
38) 1-Methylnaphthalene	12.768	142	140701	37.054	ng		99
40) 1,2,4,5-Tetrachloroben...	12.915	216	102530	42.205	ng		96
41) Hexachlorocyclopentadiene	12.897	237	49935	40.437	ng		98
43) 2,4,6-Trichlorophenol	13.150	196	60733	46.096	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.220	196	65772	44.867	ng	#	94
46) 1,1'-Biphenyl	13.549	154	194714	37.765	ng		98
47) 2-Chloronaphthalene	13.590	162	157399	39.240	ng		96
48) 2-Nitroaniline	13.784	65	45371	44.833	ng		93
49) Acenaphthylene	14.436	152	245396	38.134	ng		100
50) Dimethylphthalate	14.160	163	205977	38.850	ng		98
51) 2,6-Dinitrotoluene	14.278	165	43889	46.346	ng	#	78
52) Acenaphthene	14.777	154	156777	38.347	ng		100
53) 3-Nitroaniline	14.601	138	44042	43.076	ng		89
54) 2,4-Dinitrophenol	14.807	184	18009	40.604	ng	#	76
55) Dibenzofuran	15.112	168	248535	38.134	ng		94
56) 4-Nitrophenol	14.901	139	32873	41.256	ng	#	83
57) 2,4-Dinitrotoluene	15.059	165	60898	47.150	ng		87
58) Fluorene	15.758	166	202553	37.535	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.329	232	63339	40.058	ng	#	94
60) Diethylphthalate	15.523	149	203022	37.810	ng		98
61) 4-Chlorophenyl-phenyle...	15.747	204	114299	39.289	ng		91
62) 4-Nitroaniline	15.764	138	45512	41.211	ng	#	70
63) Azobenzene	16.040	77	173432	34.519	ng		92
65) 4,6-Dinitro-2-methylph...	15.823	198	31602	46.739	ng		84
66) n-Nitrosodiphenylamine	15.958	169	180850	38.376	ng		96
67) 4-Bromophenyl-phenylether	16.640	248	80197	41.650	ng		94
68) Hexachlorobenzene	16.763	284	87820	40.917	ng		96
69) Atrazine	16.904	200	72686	39.394	ng		96
70) Pentachlorophenol	17.104	266	47440	37.474	ng		96
71) Phenanthrene	17.497	178	349272	37.443	ng		98
72) Anthracene	17.586	178	341886	37.449	ng		99
73) Carbazole	17.850	167	299772	36.378	ng		98
74) Di-n-butylphthalate	18.414	149	352286	37.177	ng	#	97
75) Fluoranthene	19.501	202	444419	36.733	ng		98
77) Benzidine	19.677	184	162823	35.655	ng		98
78) Pyrene	19.865	202	449847	37.876	ng		98
80) Butylbenzylphthalate	20.747	149	157085	40.555	ng		91
81) Benzo(a)anthracene	21.710	228	464209	37.441	ng		98
82) 3,3'-Dichlorobenzidine	21.622	252	140657	40.250	ng		97
83) Chrysene	21.775	228	438502	37.469	ng		98
84) Bis(2-ethylhexyl)phtha...	21.622	149	221582	39.782	ng		94
85) Di-n-octyl phthalate	22.856	149	383797	41.434	ng		97
87) Indeno(1,2,3-cd)pyrene	28.731	276	548604	38.302	ng	#	95
88) Benzo(b)fluoranthene	23.960	252	443714	36.780	ng		99
89) Benzo(k)fluoranthene	24.025	252	458066	38.414	ng		98
90) Benzo(a)pyrene	24.842	252	384752	37.711	ng	#	99
91) Dibenzo(a,h)anthracene	28.802	278	454224	38.377	ng		98
92) Benzo(g,h,i)perylene	29.895	276	446864	38.303	ng		99

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

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