Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021422\
Data File : BG052379.D
Acq On : 14 Feb 2022 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Feb 14 14:13:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.234	152	28348	20.000	ng		0.01
21) Naphthalene-d8	11.071	136	113325	20.000	ng	#	0.00
39) Acenaphthene-d10	14.877	164	78655	20.000	ng		0.00
64) Phenanthrene-d10	17.627	188	200830	20.000	ng		0.00
76) Chrysene-d12	21.939	240	200234	20.000	ng		0.00
86) Perylene-d12	25.404	264	205250	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.760	112	121367	74.618	ng		0.01
7) Phenol-d6	7.376	99	180371	71.872	ng		0.00
23) Nitrobenzene-d5	9.403	82	185227	71.036	ng		0.00
42) 2,4,6-Tribromophenol	16.364	330	90240	79.858	ng		0.00
45) 2-Fluorobiphenyl	13.497	172	439116	77.575	ng		0.00
79) Terphenyl-d14	20.217	244	847502	74.741	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	25873	34.545	ng		92
3) Pyridine	3.998	79	76620	35.274	ng		97
4) n-Nitrosodimethylamine	3.904	42	36268	32.336	ng	#	70
6) Aniline	7.540	93	103222	35.402	ng		97
8) 2-Chlorophenol	7.793	128	63859	35.689	ng		96
9) Benzaldehyde	7.352	77	49361m	32.637	ng		
10) Phenol	7.405	94	88205	35.373	ng		97
11) bis(2-Chloroethyl)ether	7.634	93	63622	33.380	ng		99
12) 1,3-Dichlorobenzene	8.122	146	74025	36.310	ng		94
13) 1,4-Dichlorobenzene	8.269	146	75276	36.220	ng		99
14) 1,2-Dichlorobenzene	8.592	146	73519	35.869	ng		96
15) Benzyl Alcohol	8.469	79	71805	34.474	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.762	45	89810	32.631	ng		99
17) 2-Methylphenol	8.674	107	57716	35.077	ng		92
18) Hexachloroethane	9.332	117	26204	36.261	ng		97
19) n-Nitroso-di-n-propyla...	9.038	70	61972	32.755	ng		94
20) 3+4-Methylphenols	9.003	107	84727	35.992	ng		90
22) Acetophenone	9.062	105	107959	36.045	ng	#	92
24) Nitrobenzene	9.450	77	87977	35.569	ng		92
25) Isophorone	9.972	82	158502	35.726	ng		99
26) 2-Nitrophenol	10.172	139	39324	37.510	ng	#	85
27) 2,4-Dimethylphenol	10.219	122	58304	37.562	ng		94
28) bis(2-Chloroethoxy)met...	10.448	93	92291	36.654	ng		97
29) 2,4-Dichlorophenol	10.713	162	68174	36.642	ng		97
30) 1,2,4-Trichlorobenzene	10.930	180	78581	36.170	ng		99
31) Naphthalene	11.124	128	218829	36.834	ng		96
32) Benzoic acid	10.348	122	34523	36.092	ng		96
33) 4-Chloroaniline	11.224	127	92149	37.151	ng		96
34) Hexachlorobutadiene	11.406	225	53704	36.602	ng		96
35) Caprolactam	11.987	113	25469	37.563	ng	#	81
36) 4-Chloro-3-methylphenol	12.340	107	78902	37.277	ng		97
37) 2-Methylnaphthalene	12.716	142	159774	36.208	ng		99
38) 1-Methylnaphthalene	12.933	142	155939	36.470	ng		96
40) 1,2,4,5-Tetrachloroben...	13.080	216	97329	37.621	ng		99
41) Hexachlorocyclopentadiene	13.062	237	49422	42.311	ng		99
43) 2,4,6-Trichlorophenol	13.315	196	66725	39.436	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.391	196	71495	38.992	ng		95
46) 1,1'-Biphenyl	13.708	154	220424	38.217	ng		100
47) 2-Chloronaphthalene	13.755	162	171581	38.614	ng		99
48) 2-Nitroaniline	13.949	65	62502	39.508	ng		97
49) Acenaphthylene	14.601	152	278487	38.500	ng		97
50) Dimethylphthalate	14.314	163	232275	38.549	ng		100
51) 2,6-Dinitrotoluene	14.437	165	50604	38.919	ng		94
52) Acenaphthene	14.942	154	179559m	37.904	ng		
53) 3-Nitroaniline	14.772	138	54236	40.130	ng		94
54) 2,4-Dinitrophenol	14.977	184	28468	38.091	ng		96
55) Dibenzofuran	15.271	168	284748	38.221	ng		99
56) 4-Nitrophenol	15.077	139	42599	41.971	ng	#	86
57) 2,4-Dinitrotoluene	15.224	165	74054	40.016	ng	#	89
58) Fluorene	15.917	166	230832	38.813	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.500	232	68320	39.004	ng	#	98
60) Diethylphthalate	15.671	149	235982	38.770	ng		97
61) 4-Chlorophenyl-phenyle...	15.906	204	127807	37.726	ng		96
62) 4-Nitroaniline	15.929	138	58408	41.051	ng		88
63) Azobenzene	16.199	77	235818	37.845	ng		95
65) 4,6-Dinitro-2-methylph...	15.994	198	47851	39.608	ng		91
66) n-Nitrosodiphenylamine	16.117	169	206219	37.268	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	90049	36.870	ng		96
68) Hexachlorobenzene	16.934	284	97080	36.649	ng		93
69) Atrazine	17.057	200	83598	37.369	ng		94
70) Pentachlorophenol	17.274	266	47344	36.533	ng		96
71) Phenanthrene	17.668	178	385270	37.214	ng		98
72) Anthracene	17.756	178	381496	37.604	ng		99
73) Carbazole	18.020	167	380040	38.408	ng		99
74) Di-n-butylphthalate	18.561	149	422536	39.194	ng		98
75) Fluoranthene	19.671	202	503361	38.183	ng		100
77) Benzidine	19.835	184	193291	45.177	ng		98
78) Pyrene	20.029	202	502907	37.535	ng		98
80) Butylbenzylphthalate	20.899	149	187517	40.291	ng		94
81) Benzo(a)anthracene	21.921	228	503914	38.030	ng		99
82) 3,3'-Dichlorobenzidine	21.821	252	173142	37.430	ng		100
83) Chrysene	21.991	228	468946	37.348	ng		99
84) Bis(2-ethylhexyl)phtha...	21.798	149	259101	40.149	ng		99
85) Di-n-octyl phthalate	23.090	149	435397	40.241	ng		95
87) Indeno(1,2,3-cd)pyrene	29.417	276	563940	37.547	ng	#	99
88) Benzo(b)fluoranthene	24.300	252	478963	37.447	ng		99
89) Benzo(k)fluoranthene	24.376	252	490336	38.808	ng		99
90) Benzo(a)pyrene	25.246	252	412397	38.169	ng		99
91) Dibenzo(a,h)anthracene	29.487	278	464439	37.432	ng		96
92) Benzo(g,h,i)perylene	30.674	276	459555	37.740	ng		98

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

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